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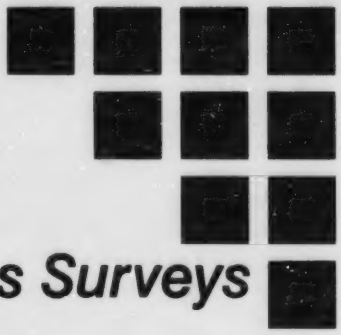


The National Graduates Surveys

The Geographical Mobility of Baccalaureate Graduates:

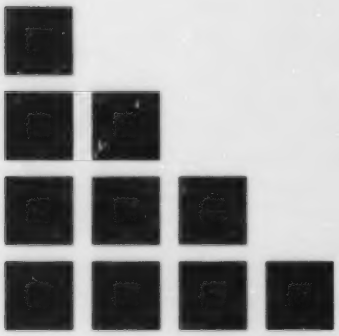
Evidence from three cohorts of the National Graduates Surveys, 1982, 1986 and 1990

R-00-1-8E

by
John Burbidge and Ross Finnie

June 1999

Research Paper



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Evidence from three cohorts of the National Graduates Surveys, 1982, 1986 and 1990

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▬

This report is part of a set of research studies on the National Graduates Surveys. /
Le présent rapport fait partie d'un ensemble d'études sur les Enquêtes nationales auprès de diplômés.

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Abstract

This paper presents the findings of an empirical analysis of inter-provincial migration of Bachelor's level university graduates using the 1982, 1986 and 1990 cohorts of the National Graduates Survey. We observe individuals at four points – pre-university, graduation, and two and five years after graduation. We find that mobility rates are high for university graduates relative to the rest of the adult population. In addition, mobility patterns are heavily dependent on the type of move (to school, to a job) and the cohort. Mobility rates to attend university for Canada as a whole lay between 6 and 7 percent over our data period, while mobility rates from pre-university to the second interview were from 13 to 15 percent. We find approximately constant mobility rates to school across the three cohorts but declining mobility to the second interview, where labour market factors presumably play a greater role. For all three cohorts, Nova Scotia was a magnet for university students even though between pre-university and the second interview there was net out-migration from Nova Scotia. Focusing on moves from pre-university to the second interview, Alberta was the principal magnet for the 1982 cohort; BC and Ontario were the magnets for the 1986 cohort; and BC, Alberta and to a lesser extent Ontario were the magnets for the 1990 cohort. The inter-provincial mobility of baccalaureate graduates has not been a matter of moving away for a brief time to go to university or to gain a few years of labour market experience elsewhere before returning "home." Instead, mobility has been more permanent with less than one-quarter of those who moved at some point returning to the pre-university province by the second interview.

Résumé

Le présent article présente les conclusions d'une analyse empirique des migrations interprovinciales des titulaires d'un baccalauréat appartenant aux cohortes de 1982, de 1986 et de 1990 de l'Enquête nationale auprès des diplômés. Nos observations ont été faites à quatre moments – durant les études pré-universitaires, au moment de l'obtention du diplôme ainsi que deux et cinq ans après l'obtention du diplôme. Nous avons constaté que le taux de mobilité des diplômés universitaires est élevé par rapport au reste de la population adulte. En outre, les caractéristiques de la mobilité dépendent fortement du genre de mouvement (aux fins d'études ou de travail) et de la cohorte. Pour l'ensemble du Canada et pour toute la période de collecte de données, le taux de mobilité associé à la fréquentation d'une université a varié entre 6 et 7 % et il a varié entre 13 et 15 % pour la période débutant au niveau pré-universitaire pour se terminer à la seconde entrevue. Dans les trois cohortes, nous avons obtenu des taux de mobilité associés à la fréquentation de l'université approximativement constants, mais qui diminuent jusqu'à la seconde entrevue, les facteurs liés au marché du travail jouant probablement un rôle plus important. Malgré une migration nette vers l'extérieur de cette province entre le niveau pré-universitaire et la seconde entrevue, la Nouvelle-Écosse a attiré un grand nombre d'étudiants universitaires de chacune des trois cohortes. Si l'on analyse les mouvements enregistrés entre le niveau pré-universitaire et la seconde entrevue, c'est l'Alberta qui a attiré le plus de personnes de la cohorte de 1982; alors que dans le cas de la cohorte de 1986, ce sont la C.-B. et l'Ontario; tandis que l'Alberta et, dans une moindre mesure, l'Ontario, ont attiré le plus de personnes appartenant à la cohorte de 1990. En conclusion, la mobilité interprovinciale des titulaires de baccalauréat ne peut pas être décrite comme un déplacement de courte durée dans le but de fréquenter l'université ou d'acquérir ailleurs quelques années d'expérience professionnelle avant de retourner « chez soi ». Il s'est agit d'une mobilité plus permanente, car moins d'un quart des personnes qui se sont déplacées à un moment donné étaient retournées dans la province où elles avaient effectuées leurs études pré-universitaires au moment de la seconde entrevue.

Acknowledgements

This research has been produced for the Analysis and Special Projects Section of the Centre for Education Statistics at Statistics Canada. The authors also gratefully acknowledge the financial assistance of the Social Sciences and Humanities Research Council. We thank participants in a seminar held at Statistics Canada, 4th February 1999, three referees for very helpful comments, Marc Frenette for excellent research assistance and Scott Murray of Statistics Canada for his encouragement and support.

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1. Introduction

Inter-provincial migration is an interesting and important issue for many reasons. Migration affects the population size of each province, as well as its social structure and cultural makeup. It is often associated with significant changes in individuals' earnings levels, while these earnings dynamics simultaneously affect the extent and nature of the flows that occur, which are in turn important determinants of the structure of the labour force and economic performance. Migration is related to the nation's social programmes in that a reasonable level of portability of benefits needs to be assured for movers, while incentives to move simply in order to obtain programme benefits need to be minimised. Inter-provincial migration is similarly related to various regulatory issues, including those pertaining to professional licensing and other potential barriers to the free flow of workers and their families. Finally, and perhaps especially pertinent to this paper, migration is related to a variety of human resource issues, especially in terms of related public investments, since many of the benefits associated with those investments typically accrue to, and move with, the individual.

Given these interesting and important aspects of the topic, it is not surprising that there is by now a sizeable accumulation of research on inter-provincial migration. Most pertinent to this paper is the work related to gross outflows, gross inflows, net flows, the specific province-to-province patterns of these movements, and comparisons of the various characteristics of movers and stayers, a literature which includes Anderson [1966], Courchene [1974], Grant and Vanderkamp [1976], Lin [1995], Osberg, Gordon and Lin [1994], Robinson and Tomes [1982], Stone [1969], Vachon and Vaillancourt [1998], Winer and Gauthier [1982], and Vanderkamp and Grant [1988].[1]

[1] Related work includes a series of articles which focuses on the different "types" of migration (primary, return, onward), including Hiscott [1987], Grant and Vanderkamp [1984, 1986], Newbold and Liaw [1990], Rosenbaum [1988, 1993], and Vanderkamp [1972]. A focus on migration between Ontario and Atlantic Canada is found in Hiscott [1987] and Hou and Beaujot [1995]. Econometric models of the determinants of inter-provincial mobility, including an important sub-literature which focuses on the role of fiscal variables, can be found in Courchene [1970], Day [1992], Day and Winer [1994], Dean [1992], Finnie [1998c], Grant and Vanderkamp [1976], Lin [1995], Mills, Percy, and Wilson [1983], Osberg, Gordon, and Lin [1994], Robinson and Tomes [1982], Shaw [1986], Vachon and Vaillancourt [1998], and Winer and Gauthier [1982]. The effects of inter-provincial mobility on provincial wage structures and related policy issues includes Courchene [1974], Graham [1964], Rosenbluth [1996], Shaw [1986], and Vanderkamp [1988]. Day and Grafton [1998] focus on the mobility of post-secondary students. Finally, the relationship between migration and individuals' earnings/incomes is addressed in Courchene [1974], Finnie [1998d], Grant and Vanderkamp [1976, 1980], Marr and Millerd [1980],

The contribution of the present paper to our understanding of inter-provincial migration is to build on other recent work by Finnie [1998a-e] using the recently available tax-based Longitudinal Administrative Database (LAD) to present the results of an empirical analysis of the patterns of inter-provincial mobility of young baccalaureate-level university graduates based on the three waves of the National Graduates Survey databases.[2]

In particular, we present data on the extent and direction of movements across provincial boundaries to go to school, and then from the time of graduation to where the individual was living five years later. The paper thus focuses on where individuals have been obtaining their post-secondary schooling and where they have then been choosing to live following graduation. In human resource terms, we are looking at where this specific group of young Canadians has been obtaining this important element of their human capital, and then where they have been employing it. The paper should thus be of interest to a variety of readerships: demographers; those interested in post-secondary education and recent graduates in general and the financing of post-secondary education in particular; labour-market analysts; and others.

and Vanderkamp [1980], as well as in more of a passing manner in Osberg, Gordon, and Lin [1994] and Robinson and Tomes [1982].

2 Finnie [1998a] includes an analysis of the extent and direction of longitudinal migration patterns of individuals and the associated dynamic income profiles (see also Finnie [1998b, c]); Finnie [1998d] reports the results of an econometric analysis of the individual characteristics and environmental factors which determine inter-provincial migration; and Finnie [1998e] comprises an econometric analysis of the effects of inter-provincial mobility on individuals' earnings. The research reported below is most closely related to Finnie [1998b], which provides a portrait of the general extent and specific directions of inter-provincial migration over shorter and longer periods, and then analyses the rates of aggregate out-migration, in-migration, and net migration by province broken down by age and sex on an annual basis over the relevant fourteen year period.

2. The Data

2.1 The National Graduates Surveys

The research reported here is based on these three sets of graduates, comprising large (on the order of 30,000 observations per cohort), stratified random samples (by level, discipline, and province) of individuals who completed a post-secondary diploma in 1982, 1986, and 1990, each group interviewed two and five years following graduation (1984/87, 1988/91, 1992/95).[3]

The National Graduates Surveys

The National Graduates Surveys (NGS), sponsored by Human Resources Development Canada and conducted by Statistics Canada, are specifically designed to obtain information on the relationship between education/training and labour market activities, the long-term labour market experiences of graduates, the employment, earnings, occupation and additional educational experiences and qualifications of graduates. The NGS focus on individuals who had obtained a degree, diploma or certificate from a trade/vocational school, a career/technical college (or CEGEP) or a university, and who were still living in Canada at the time of the survey. The NGS files are representative of the underlying graduate population in Canada.

Background

Statistics Canada conducted a first survey in 1978 on the labour market experiences of 1976 graduates from universities and community colleges in Canada. In 1984, a similar survey, the NGS of 1982 graduates was sponsored jointly by the Department of the Secretary of State and Employment and Immigration Canada and conducted by Statistics Canada. This survey expanded on the content of the previous survey and extended the population base to include graduates of trade/vocational programs in addition to graduates from community colleges and universities.

Since 1982, four cohorts of graduates have been surveyed. Every cohort was interviewed two and five years after graduation.

Year of graduation	First interview	Follow-up interview
1982	1984	1987
1986	1988	1991
1990	1992	1995
1995	1997	2000

The 2000 Follow-up Survey of the 1995 Graduates included a 'brain drain' component. Those who graduated in 1995 but who were living in the United States in June 2000 were included in the survey.

[3] A more recent survey of graduates has been initiated, but this group (the graduates of 1995) has been interviewed just one time to date and is thus not included in this analysis.

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Objectives

The survey's key data objectives are:

- To obtain information for labour market analysis;
- To obtain information on the relationship between education/training and labour market experiences and the exposure of graduates to additional learning opportunities;
- To extend available information required to improve occupational supply and demand projection models and to conduct related studies of supply-demand imbalances in the labour market;
- To extend available information required to improve occupational supply and demand projection models and to conduct related studies of supply-demand imbalances in the labour market;
- To obtain data regarding longer-term market experiences of graduates;
- To obtain information on labour market experiences of members of target groups (such as women, visible minorities, native people, and persons with disabilities);
- To gain a better understanding of school-work transitions and returns to human capital;
- To gain a better understanding of post-secondary education financing;
- To obtain more detailed information on knowledge and skills.

Methodology

The National Graduates Surveys were based on a stratified systematic random sample design. For each province, the graduate population was stratified into five education levels: trade/vocational (skilled trades), career/technical (college), undergraduate, master's level and doctorate. The levels were subsequently stratified into nine fields of study for those who had taken a college program and ten fields for trade/vocational and university graduates. These fields of study classifications were based on the 5-digit USIS (University Student Information System) and CCSIS (Community College Student Information System) codes used by Statistics Canada. The sample allocation to the strata was made to assure acceptable levels of detail and therefore acceptable data reliability for the provinces, education levels and fields of study.

A total sample was selected for every cohort of graduates. Interviewers attempted to contact all graduates in the sample, initially using the telephone numbers provided by their institution. On average for every cohort, 73% of the total sample selected were contacted and interviewed. The same individuals were contacted again for the follow-up interview.

Year of graduation	Total sample selected	Year of survey	Usable sample (response rate)
1982	49,150	1984	35,717 (73%)
		1987	31,167
1986	53,136	1988	40,814 (77%)
		1991	35,401
1990	51,111	1992	36,280 (71%)
		1995	35,816
1995	61,759	1997	43,040 (70%)
		2000	To be completed

For more detailed information on methodology, see:

Clark, Warren, Margaret Laing and Edith Rechnitzer (1986). *The Class of 82: Summary Report on the Findings of the 1984 National Survey of the Graduates of 1982*. Secretary of State and Statistics Canada.

Clark, Warren (1991). *The Class of 1986: A Compendium of Findings of the 1988 National Graduates Survey of 1986 Graduates with Comparisons to the 1984 National Graduates Survey*, Employment and Immigration Canada and Statistics Canada, Catalogue LM-198E92.

Little, Don and Louise Lapierre (1996). *The Class of 90: A Compendium of Findings from the 1992 National Graduates Survey of 1990 Graduates*. Human Resources Development Canada and Statistics Canada, Catalogue SC-125-12-96E.

Taillon, Jacques and Mike Paju (1999). *The Class of '95: Report of the 1997 National Survey of 1995 Graduates*. Human Resources Development Canada and Statistics Canada, Catalogue SP-121-04-99.

The analysis exploits several unique aspects of the NGS databases. First, the databases contain information on the province I n which the individual lived at four different points in time: the province in which the individual lived before enrolling in the degree programme; the province of the institution from which the degreee was granted; and the province or territory in which the individual was living at the time of each of the interviews, two and five years following graduation.[4] Figure 1 depicts these four observation points for the three waves of NGS data used in this paper (we adopt the convention of setting the "pre-school" date four years ahead of the graduation year).

Second, the large number of observations of recent graduates available in the NGS files permits us to focus on the mobility patterns of this specific – and generally very mobile – group of Canadians in a way that no other database could. Third, and related, the stratified nature of the database allows for even the smaller provinces and less-popular disciplines of study, which are over-sampled, to be included in the analysis.

Finally, the databases contain a wealth of information on the educational experiences and post-graduation school-to-work transition of graduates, as well as basic demographic characteristics, although the only aspect of this information employed here is the individual's field of study, with earnings patterns and other labour market outcomes of migrants and non-migrants left for subsequent work.

[4] Individuals who moved out of the country have not been included in the NGS to date, meaning that this aspect of migration cannot be studied with the existing NGS databases. Plans are afoot, however, to attempt to follow emigrants in future surveys.

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2.2 Sample Selection

This paper focuses on baccalaureate graduates, who comprise most of the university graduates in any given year. Of course, selecting on baccalaureate graduates reduces sample sizes to about one-third of the full data set because the survey also covers college and Master's and Ph.D. graduates. In addition, the working samples include only those baccalaureate graduates who resided in one of the ten provinces at each of the four points in time: before school, during school, two years following graduation, and five years following graduation. We also excluded graduates who were less than 20 years old or more than 30 at the time of graduation, as well as those who had obtained a new diploma or were still in school at the first or second interview.[5] These selection criteria, which yield 4,284, 5,529 and 4,562 observations for the 1982, 1986 and 1990 cohorts, enable us to focus on a relatively homogeneous group of young graduates who had completed their studies and were generally going through the critical school-to-work transition phase of their careers (and lives generally) over the intervals covered.

[5] On-going students were identified based on questions that asked if the individual was working part-time or was out of the labour force at the time of the interview primarily for this reason. (Except for the first cohort, the NGS have not generally directly ascertained enrolment status as of the interview dates.)

3. Province-to-Province Migration Patterns

3.1 The Analytical Approach and Related Data Issues

We present detailed inter-provincial mobility patterns in the form of transition matrices that show where the individuals living in a given province in one year were living in another year, with these distributions indicated in percentage terms. More specifically, we report transition matrices for i) where individuals went to school by pre-school province and by province of the institution attended, and ii) where individuals were living at the second interview (five years following graduation) again by pre-school province and by province at the second interview. We also present a table that breaks those who ever moved into "returners" (defined here as those who returned to the pre-school province by the time of the second interview) and non-returners. Finally, we also investigate whether part of the motivation for moving to school may be "field" related in the sense that, particularly for the smaller provinces, students in certain disciplines may face very limited course options unless they leave their home province, or that certain segments of the labour market are more national in scope and that these influences affect where individuals choose to pursue their studies, or some combination of these factors.

It is, of course, important to provide some indication of the precision of each statistic so that the reader may judge which numbers – or changes in numbers, or differences in numbers across comparison groups, and so on – are probably meaningful and which are probably just noise in the data. To this end, we report 95 percent confidence intervals using the *modified percentile method* based on 1000 bootstrap samples (see Davidson and MacKinnon, 1993, pp. 763-766).[6]

Most studies in economics present results for females and males separately because in many situations their economic circumstances and behaviour are very different. In the present context one might think that their migration patterns would differ perhaps because women might be more attached to their parents than men. In Appendix A below we show that although there may be many ways in which the economic behaviour of young female and male university graduates diverge, migration behaviour is not one of them. Thus, in the text, we focus on results for females and males combined.

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[6] All calculations were performed with GAUSS v3.2. Programs are available upon request.

3.2 An Overview: The Distribution of Graduates

Before turning to the more detailed transition matrices mentioned above, Table 1 shows the percentage distribution of each cohort of graduates across the ten provinces at each of the four observation points. The first column of Table 1 shows that 1.7 percent of the 1982 cohort resided in Newfoundland prior to attending university; 0.5 percent lived in PEI, 4.2 percent in Nova Scotia, and so on. Immediately below these numbers appear the lower and upper bounds of a 95 percent confidence interval. So, for example, the bootstrapping procedure suggests that the 95 percent confidence interval for the 1.7 percent for Newfoundland is (1.4,2.1).

Table 1 **Percentage Distribution of Graduates across Provinces at Each Date**

	1982 Cohort				1986 Cohort				1990 Cohort			
Province	*Pre*	*1982*	*1984*	*1987*	*Pre*	*1986*	*1988*	*1991*	*Pre*	*1990*	*1992*	*1995*
NFLD	1.7	1.6	1.5	1.5	1.7	1.6	1.5	1.3	2.3	2.2	2.0	2.5
Lower b.	1.4	1.2	1.1	1.1	1.4	1.3	1.2	1.0	1.9	1.8	1.6	2.1
Upper b.	2.1	2.0	1.8	1.8	2.1	2.0	1.8	1.6	2.8	2.6	2.3	2.9
PEI	0.5	0.3	0.5	0.4	0.5	0.3	0.5	0.5	0.4	0.3	0.3	0.4
Lower b.	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2	0.2
Upper b.	0.7	0.5	0.6	0.6	0.7	0.4	0.7	0.6	0.6	0.5	0.5	0.5
NS	4.2	4.9	3.9	3.7	4.2	4.8	3.7	3.5	3.8	4.3	3.2	3.0
Lower b.	3.7	4.2	3.4	3.2	3.7	4.3	3.2	3.0	3.2	3.7	2.7	2.5
Upper b.	4.9	5.5	4.5	4.3	4.7	5.4	4.2	3.9	4.3	4.8	3.7	3.5
NB	2.6	2.5	2.3	2.2	2.8	2.7	2.1	2.1	2.5	2.5	2.2	2.2
Lower b.	2.1	2.1	1.9	1.8	2.4	2.3	1.8	1.8	2.0	2.0	1.8	1.7
Upper b.	3.0	3.0	2.8	2.7	3.2	3.2	2.5	2.5	2.9	2.9	2.6	2.6
QUE	29.2	27.8	28.3	28.3	30.5	29.8	29.2	29.2	26.1	25.5	25.0	25.1
Lower b.	27.9	26.4	26.9	26.9	29.4	28.6	28.0	28.1	24.9	24.2	23.9	23.8
Upper b.	30.6	29.1	29.6	29.6	31.6	30.8	30.3	30.4	27.3	26.7	26.3	26.2
ONT	38.5	40.3	38.2	38.8	36.4	37.8	39.8	39.9	40.9	41.7	42.7	41.7
Lower b.	37.2	38.8	37.0	37.3	35.1	36.5	38.4	38.6	39.4	40.3	41.3	40.2
Upper b.	39.9	41.6	39.8	40.1	37.6	39.0	41.0	41.2	42.2	43.2	44.1	43.1
MAN	4.3	4.3	4.0	3.7	4.7	4.6	4.5	4.3	4.2	4.1	3.5	3.3
Lower b.	3.7	3.8	3.4	3.2	4.2	4.1	3.9	3.7	3.6	3.4	3.0	2.8
Upper b.	4.9	4.9	4.5	4.3	5.3	5.2	5.0	4.8	4.8	4.6	4.1	3.8
SASK	3.9	3.9	3.5	3.6	4.3	4.2	3.7	3.2	3.9	4.0	2.9	2.7
Lower b.	3.3	3.3	3.1	3.0	3.8	3.7	3.2	2.7	3.3	3.4	2.5	2.2
Upper b.	4.5	4.5	4.1	4.1	4.9	4.7	4.2	3.6	4.4	4.5	3.4	3.1
ALTA	8.4	8.0	10.5	10.8	8.2	7.8	8.1	8.5	8.2	8.1	9.1	9.3
Lower b.	7.5	7.1	9.6	9.8	7.5	7.1	7.4	7.7	7.5	7.4	8.3	8.5
Upper b.	9.2	8.8	11.4	11.7	8.8	8.5	8.7	9.1	9.0	8.9	9.9	10.1
BC	6.7	6.4	7.2	7.0	6.6	6.3	7.0	7.6	7.7	7.4	9.0	9.8
Lower b.	5.9	5.6	6.4	6.3	5.9	5.7	6.3	7.0	6.9	6.6	8.1	8.9
Upper b.	7.4	7.1	7.9	7.7	7.2	6.9	7.5	8.2	8.5	8.1	9.7	10.7

Notes: For each province, the first row comprises the percentage distribution of graduates. The next two rows are the lower and upper bounds of a 95% bootstrapped confidence interval.

Table 1 indicates the general extent and direction of the underlying net flows of graduates across provinces, enabling us to get a sense of which provinces were generally "magnets" – attracting students or graduates from other provinces – and which tended to have net losses to other jurisdictions from the time of enrolling in university through the first five years following graduation.

Two themes that emerge here are that in many cases the migration patterns differ markedly across the specific intervals (from pre-school to school, from school to the first or second interview) and also across cohorts. Nova Scotia has, for example, experienced net inflows from pre-school to school for all three cohorts (for the 1982 cohort it is 4.9 - 4.2 = 0.7 percent), but then net out-migration between pre-school and the second interview. It is worth noting, however, that for Nova Scotia all the 95 percent confidence intervals overlap so that these differences may be economically important but may not be statistically significant. As another example, one might have expected that the numbers for Newfoundland would show a strong net out-migration pattern (see Finnie [1998a, b]), but the results in Table 1 indicate that the patterns for the baccalaureate graduates studied here are rather mixed.

Following is list of what we see in Table 1:

- Newfoundland had slight net outflows in terms of going away to school in all three cohorts, and further drops after graduation – except for an apparent reversal of this latter trend for the latest cohort in the most recent period (1995).

- PEI had small net outflows to go to school but then reversed flows following graduation to leave them more or less in balance, perhaps suggesting there have been (surprisingly?) no general disadvantages in terms of labour market opportunities (or are those who reside in PEI prior to attending university attracted back to the Island regardless of job opportunities?). Moving to school may reflect the need to pursue certain educational opportunities at larger out-of-province institutions (see the discussion of Table 9 below) and/or a rational "sorting process" with respect to students making their educational decisions and graduates seeking jobs in this small province.

- Nova Scotia has been a magnet for students, but has then suffered net losses after graduation, presumably reflecting limited labour market opportunities for graduates in that province.

- New Brunswick has had the same sort of post-graduation losses as Nova Scotia, but without the inflows to the education system at the beginning, thus reflecting a more "neutral" post-secondary educational system but similarly limited labour market opportunities for graduates.

- Quebec is characterised by smallish (percentage) net outflows at both the point of entry into the post-secondary system and upon graduation, presumably reflecting a number of educational, economic, and cultural influences.

- Ontario has generally had moderate net flows of students to school, while the post-graduation patterns have varied between negative and positive on net, presumably reflecting the ebbs and flows of the Ontario economy over the period covered.

- Manitoba and Saskatchewan have sustained net losses, but only after graduation, presumably reflecting the importance of labour market forces and job opportunities (and perhaps other "quality of life" influences) rather than any general problems with, or limitations of, the educational system *per se*.

- Alberta had smallish net outflows to go to school, but post-graduation net inflows to leave them with net gains as of the post-graduation periods (this is less true of the 1986 cohort, when the Alberta economy was not doing well).

- BC's trends are similar to those in Alberta but more pronounced – BC is thus by no means a magnet for education (in fact, to some degree, the opposite), but many young baccalaureate graduates have chosen to live in BC, perhaps for its labour market opportunities.

To summarise, there is some evidence that Nova Scotia has been a magnet for students, while Alberta was the key post-graduation magnet for the 1982 cohort, presumably reflecting the influence of the oil boom over that period; Ontario and to a lesser extent BC were the magnets for the 1986 cohort; and BC, Alberta and Ontario were the magnets for the 1990 cohort.[7]

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[7] Our commentary to this point has not touched on the changes in the overall pre-school shares across the three cohorts and some of these are quite large. For example, Newfoundland's pre-school share rose from 1.7 percent to 2.3 percent between the 1986 and 1990 cohorts; Quebec's share fell from 30.5 percent to 26.1 percent for the same cohorts, and so on. One reasonable response is that this may simply be sampling error – for example, the 95 percent confidence intervals overlap for Newfoundland. This is not true of Quebec, however. In comparison, Statistics Canada's *Education in Canada: Statistical Review* (cat no. 81-229) presents data on the number of bachelor's and first professional degrees, by province. The percentage distributions across the provinces for 1982, 1986 and 1990 are as follows.

Year	NLFD	PEI	NS	NB	QUE	ONT	MAN	SASK	ALTA	BC
1982	1.6	0.3	4.7	2.5	25.9	42.7	4.4	3.6	7.3	7.0
1986	2.0	0.3	4.7	2.6	23.1	43.2	4.9	3.9	8.0	7.3
1990	2.0	0.4	4.7	2.5	23.6	43.1	4.4	3.6	7.8	7.9

The numbers in Table 1, however, indicate only the population shares at the four observation points for each cohort. Even if every number in every row of Table 1 had been the same across the four points in time, there might have been a great deal of mobility. One needs, therefore, to study specific period-to-period transition matrices to see who moves where and when. We now turn to these data.

3.3 Moving to School

Tables 2 through 4 provide statistics on moving to school. Table 2 looks at the detailed patterns of where individuals chose to pursue their post-secondary studies by their province of origin ("out-flows"). Table 3 turns this around and looks at these flows by province of the institution attended ("inflows"). Finally, Table 4 presents summary statistics on the overall gross inflows and outflows by both pre-school province and province at school, and includes "Canada" rows which show overall mobility rates to school. Tables 3A and 4A contain 95 percent confidence intervals for the Tables 3 and 4.

We begin by looking at the patterns of moving-to-school by pre-school province – Tables 2 and 2A, and the top panel of Table 4. Perhaps the most obvious features of Tables 2 and 2A are the high numbers down the principal diagonal, and the concentration of larger numbers around these diagonals. The results indicate the expected pattern that most students do not cross a provincial boundary to attend university, while (perhaps more interestingly) if they do move, they tend to go to an institution located in a near-by province. Moving has costs – financial and psychological, and it absorbs time. There is also an information aspect: individuals probably know less about opportunities in more distant places. As a result, most students prefer to stay in their home province, or nearby, to attend university.

Generally, these percentages are very close to those for the NGS data reported in Table 1. The changes presumably reflect changes in relative population sizes and changes in participation rates in the post-secondary system in each province, as well as sampling error.

Table 2 **Percentage Distribution of Province at School by Pre-School Province**

Pre-School Prov.	Province at School										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	**89.6**	0.0	5.4	1.6	0.0	1.6	0.0	0.6	1.1	0.0	100
PEI	0.0	**62.4**	26.1	11.6	0.0	0.0	0.0	0.0	0.0	0.0	100
NS	0.3	0.1	**95.9**	2.5	0.0	0.9	0.0	0.0	0.0	0.4	100
NB	0.0	0.6	13.1	**77.9**	3.6	3.7	0.0	0.4	0.0	0.7	100
QUE	0.0	0.0	0.1	0.9	**93.6**	5.1	0.0	0.0	0.1	0.1	100
ONT	0.0	0.0	0.4	0.2	0.6	**97.7**	0.2	0.2	0.5	0.3	100
MAN	0.0	0.0	0.3	0.0	0.0	4.2	**92.9**	0.7	0.9	0.9	100
SASK	0.0	0.1	0.4	0.2	0.0	3.5	2.0	**90.8**	3.0	0.0	100
ALTA	0.1	0.1	0.7	0.3	1.6	5.8	0.8	2.0	**86.7**	1.8	100
BC	0.0	0.0	0.4	0.1	0.3	3.3	1.1	0.9	3.6	**90.1**	100
1986 Cohort											
NFLD	**89.2**	0.0	7.2	1.4	0.7	1.1	0.0	0.0	0.4	0.0	100
PEI	0.0	**55.0**	32.1	12.9	0.0	0.0	0.0	0.0	0.0	0.0	100
NS	0.1	0.1	**90.8**	4.2	0.0	3.3	0.0	0.0	1.1	0.4	100
NB	1.3	0.4	11.4	**77.8**	2.2	6.0	0.7	0.0	0.2	0.0	100
QUE	0.0	0.0	0.0	0.4	**95.3**	3.9	0.1	0.0	0.0	0.1	100
ONT	0.1	0.0	0.5	0.3	1.1	**96.7**	0.4	0.2	0.2	0.4	100
MAN	0.1	0.0	0.5	0.0	0.0	8.7	**87.5**	1.7	0.8	0.6	100
SASK	0.0	0.0	0.0	0.0	1.5	2.9	2.7	**88.7**	1.9	2.3	100
ALTA	0.0	0.1	1.2	0.1	1.5	2.9	1.1	1.4	**88.4**	3.4	100
BC	0.2	0.0	1.4	0.2	0.3	5.2	1.3	1.2	4.0	**86.0**	100
1990 Cohort											
NFLD	**87.3**	0.2	8.3	2.3	1.9	0.0	0.0	0.0	0.0	0.0	100
PEI	0.0	**68.2**	15.9	16.0	0.0	0.0	0.0	0.0	0.0	0.0	100
NS	0.2	0.8	**87.8**	3.1	2.0	5.1	0.6	0.0	0.4	0.0	100
NB	0.0	0.9	12.1	**80.5**	3.5	2.3	0.0	0.0	0.7	0.0	100
QUE	0.0	0.0	0.1	0.4	**94.7**	4.4	0.1	0.1	0.2	0.0	100
ONT	0.2	0.0	0.7	0.2	1.3	**96.4**	0.2	0.1	0.1	0.7	100
MAN	0.0	0.0	0.9	0.4	0.0	5.6	**90.0**	2.3	0.4	0.5	100
SASK	0.0	0.1	0.3	0.0	0.7	0.5	2.4	**91.3**	3.6	1.1	100
ALTA	0.0	0.1	0.5	0.3	0.0	4.3	0.4	1.6	**91.5**	1.4	100
BC	0.1	0.0	0.3	0.2	0.3	4.5	0.3	1.4	3.7	**89.1**	100

On the other hand, the detailed province-to-province patterns shown in Table 2 and the overall outflow rates shown in the first panel of Table 4 (corresponding to the off-diagonal totals of Table 2) indicate that there were in fact "substantial" levels of inter-provincial mobility, which vary by province. Starting at the top, while the numbers for PEI are somewhat noisy (due to the relatively small sample sizes generated even with the stratified sample scheme which characterises the NGS databases), something like one-third of all university-bound Islanders leave the province to pursue their studies. In fact, there is a tendency for mobility rates to be inversely related to the population size of the province, with Ontario and Quebec having the

Table 2 **Percentage Distribution of Province at School by Pre-School Province**

Pre-School Prov.	Province at School										
	NFLD	PEI	NS	NB	QUE	ONT	MAN	SASK	ALTA	BC	TOTAL
1982 Cohort											
NFLD	89.6	0.0	5.4	1.6	0.0	1.6	0.0	0.6	1.1	0.0	100
PEI	0.0	62.4	26.1	11.6	0.0	0.0	0.0	0.0	0.0	0.0	100
NS	0.3	0.1	95.9	2.5	0.0	0.9	0.0	0.0	0.0	0.4	100
NB	0.0	0.6	13.1	77.9	3.6	3.7	0.0	0.4	0.0	0.7	100
QUE	0.0	0.0	0.1	0.9	93.6	5.1	0.0	0.0	0.1	0.1	100
ONT	0.0	0.0	0.4	0.2	0.6	97.7	0.2	0.2	0.5	0.3	100
MAN	0.0	0.0	0.3	0.0	0.0	4.2	92.9	0.7	0.9	0.9	100
SASK	0.0	0.1	0.4	0.2	0.0	3.5	2.0	90.8	3.0	0.0	100
ALTA	0.1	0.1	0.7	0.3	1.6	5.8	0.8	2.0	86.7	1.8	100
BC	0.0	0.0	0.4	0.1	0.3	3.3	1.1	0.9	3.6	90.1	100
1986 Cohort											
NFLD	89.2	0.0	7.2	1.4	0.7	1.1	0.0	0.0	0.4	0.0	100
PEI	0.0	55.0	32.1	12.9	0.0	0.0	0.0	0.0	0.0	0.0	100
NS	0.1	0.1	90.8	4.2	0.0	3.3	0.0	0.0	1.1	0.4	100
NB	1.3	0.4	11.4	77.8	2.2	6.0	0.7	0.0	0.2	0.0	100
QUE	0.0	0.0	0.0	0.4	95.3	3.9	0.1	0.0	0.0	0.1	100
ONT	0.1	0.0	0.5	0.3	1.1	96.7	0.4	0.2	0.2	0.4	100
MAN	0.1	0.0	0.5	0.0	0.0	8.7	87.5	1.7	0.8	0.6	100
SASK	0.0	0.0	0.0	0.0	1.5	2.9	2.7	88.7	1.9	2.3	100
ALTA	0.0	0.1	1.2	0.1	1.5	2.9	1.1	1.4	88.4	3.4	100
BC	0.2	0.0	1.4	0.2	0.3	5.2	1.3	1.2	4.0	86.0	100
1990 Cohort											
NFLD	87.3	0.2	8.3	2.3	1.9	0.0	0.0	0.0	0.0	0.0	100
PEI	0.0	68.2	15.9	16.0	0.0	0.0	0.0	0.0	0.0	0.0	100
NS	0.2	0.8	87.8	3.1	2.0	5.1	0.6	0.0	0.4	0.0	100
NB	0.0	0.9	12.1	80.5	3.5	2.3	0.0	0.0	0.7	0.0	100
QUE	0.0	0.0	0.1	0.4	94.7	4.4	0.1	0.1	0.2	0.0	100
ONT	0.2	0.0	0.7	0.2	1.3	96.4	0.2	0.1	0.1	0.7	100
MAN	0.0	0.0	0.9	0.4	0.0	5.6	90.0	2.3	0.4	0.5	100
SASK	0.0	0.1	0.3	0.0	0.7	0.5	2.4	91.3	3.6	1.1	100
ALTA	0.0	0.1	0.5	0.3	0.0	4.3	0.4	1.6	91.5	1.4	100
BC	0.1	0.0	0.3	0.2	0.3	4.5	0.3	1.4	3.7	89.1	100

On the other hand, the detailed province-to-province patterns shown in Table 2 and the overall outflow rates shown in the first panel of Table 4 (corresponding to the off-diagonal totals of Table 2) indicate that there were in fact "substantial" levels of inter-provincial mobility, which vary by province. Starting at the top, while the numbers for PEI are somewhat noisy (due to the relatively small sample sizes generated even with the stratified sample scheme which characterises the NGS databases), something like one-third of all university-bound Islanders leave the province to pursue their studies. In fact, there is a tendency for mobility rates to be inversely related to the population size of the province, with Ontario and Quebec having the

lowest mobility rates and PEI the highest. But the rank-order correlation between mobility and size is not perfect, with, for example, New Brunswick having more students (and a larger population in general) than Newfoundland, but a significantly greater rate of out-migration to go to school (over 20 percent for every cohort, versus an average of around 12 percent for Newfoundland.

That the off-diagonal entries are in fact clustered *around* the diagonal is interesting, especially when this result is compared to findings for the population in general. Thus, while Finnie [1998a, b] reports that flows for the population at large (broken down by age and sex) have tended to be towards provinces that were nearby, large, or further to the west, presumably reflecting the allure of the more consistently and better performing larger and more western provinces (especially Ontario, Alberta, and British Columbia), as well as the attraction of the labour markets in the larger provinces in terms of their pure scale (size) advantage, these patterns are not replicated in the student out-flows seen here, where the "nearby" factor seems to dominate and the "size" and "western" influences seem to play a much smaller role, if indeed one at all. We might thus conclude that the location of later (post-graduation) labour market opportunities does not seem to have been an important determinant of where individuals have chosen to go to university – an interesting finding in terms of the financing of post-secondary education, human-resource issues, and the pure "human" element of inter-provincial migration. We shall, in contrast, see below that more direct labour market influences seem to play a much greater role with respect to post-graduation movements – thus establishing some important and interesting general patterns to the migration behaviour of young Canadians as they go to university and then choose where to live in the years following graduation.

Table 3 and the bottom panel of Table 4 examine moving-to-school by the province at school – thus showing the relevant movements in terms of inflows. Once again, there are of course large numbers down the principal diagonal (Table 3) and many of the shaded off-diagonal elements are close to the diagonal – after all, these are the same movements shown in Table 2 simply presented from a different perspective. To thus repeat, most students do not move to go to school and most of those that do so prefer to stay close to home.

Table 3 **Percentage Distribution of Pre-School Province by Province at School**

Prov. at School	Pre-School Province										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	**98.1**	0.0	0.9	0.0	0.0	0.4	0.0	0.0	0.7	0.0	100
PEI	0.0	**88.4**	0.9	4.4	1.9	1.7	0.0	0.9	1.8	0.0	100
NS	1.9	2.5	**82.5**	6.8	0.9	3.0	0.3	0.3	1.2	0.6	100
NB	1.1	2.2	4.1	**78.4**	10.2	2.4	0.0	0.3	0.9	0.4	100
QUE	0.0	0.0	0.0	0.3	**98.3**	0.8	0.0	0.0	0.5	0.1	100
ONT	0.1	0.0	0.1	0.2	3.7	**93.3**	0.5	0.3	1.2	0.6	100
MAN	0.0	0.0	0.0	0.0	0.3	1.8	**92.7**	1.8	1.6	1.8	100
SASK	0.3	0.0	0.0	0.3	0.0	1.9	0.8	**90.8**	4.3	1.6	100
ALTA	0.2	0.0	0.0	0.0	0.3	2.4	0.5	1.5	**92.0**	3.1	100
BC	0.0	0.0	0.2	0.3	0.4	1.8	0.6	0.0	2.4	**94.3**	100
1986 Cohort											
NFLD	**93.9**	0.0	0.3	2.2	0.7	2.0	0.3	0.0	0.0	0.6	100
PEI	0.0	**90.8**	0.8	3.3	0.9	1.7	0.0	0.0	1.7	0.9	100
NS	2.6	3.4	**79.3**	6.7	0.3	3.4	0.5	0.0	2.0	1.9	100
NB	0.9	2.4	6.5	**80.5**	4.9	3.8	0.0	0.0	0.3	0.6	100
QUE	0.0	0.0	0.0	0.2	**97.7**	1.4	0.0	0.2	0.4	0.1	100
ONT	0.1	0.0	0.4	0.5	3.1	**93.0**	1.1	0.3	0.6	0.9	100
MAN	0.0	0.0	0.0	0.4	0.4	3.4	**89.4**	2.5	1.9	1.9	100
SASK	0.0	0.0	0.0	0.0	0.3	1.9	1.9	**91.2**	2.7	2.0	100
ALTA	0.1	0.0	0.6	0.1	0.2	1.1	0.5	1.1	**93.0**	3.4	100
BC	0.0	0.0	0.3	0.0	0.5	2.4	0.4	1.6	4.4	**90.4**	100
1990 Cohort											
NFLD	**95.3**	0.0	0.3	0.0	0.3	3.7	0.0	0.0	0.0	0.3	100
PEI	1.7	**77.2**	8.7	6.4	0.8	2.6	0.0	1.0	1.7	0.0	100
NS	4.5	1.4	**77.3**	7.0	0.6	6.5	0.9	0.3	0.9	0.6	100
NB	2.2	2.5	4.7	**80.7**	3.7	4.1	0.6	0.0	0.9	0.6	100
QUE	0.2	0.0	0.3	0.3	**96.8**	2.1	0.0	0.1	0.0	0.1	100
ONT	0.0	0.0	0.5	0.1	2.8	**94.4**	0.6	0.0	0.8	0.8	100
MAN	0.0	0.0	0.6	0.0	0.6	2.3	**92.7**	2.3	0.9	0.6	100
SASK	0.0	0.0	0.0	0.0	0.6	0.6	2.4	**90.4**	3.3	2.7	100
ALTA	0.0	0.0	0.2	0.2	0.7	0.7	0.2	1.7	**92.6**	3.6	100
BC	0.0	0.0	0.0	0.0	0.0	3.9	0.3	0.6	1.5	**93.7**	100

Within these broad trends, however, are some interesting specific patterns, especially in terms of identifying provinces that are magnets for attracting students from other provinces. As noted above, Nova Scotia is clearly such a magnet, with its universities attracting students from every province, particularly Ontario and the other Maritime provinces; these inflows represent approximately 20 percent of all Nova Scotia graduates in each cohort. New Brunswick and PEI have also been magnets (see the high inflow rates in Table 4, ranging from 9 to 23 percent) but, unlike Nova Scotia, most of their students have come from the other Maritime provinces (Table 3). At the other extreme, Newfoundland and (especially) Quebec have had the smallest shares of "non-residents" in their graduating classes (no more than 3.2 percent in any year for

Table 3 **Percentage Distribution of Pre-School Province by Province at School**

Prov. at School	Pre-School Province										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	98.1	0.0	0.9	0.0	0.0	0.4	0.0	0.0	0.7	0.0	100
PEI	0.0	88.4	0.9	4.4	1.9	1.7	0.0	0.9	1.8	0.0	100
NS	1.9	2.5	82.5	6.8	0.9	3.0	0.3	0.3	1.2	0.6	100
NB	1.1	2.2	4.1	78.4	10.2	2.4	0.0	0.3	0.9	0.4	100
QUE	0.0	0.0	0.0	0.3	98.3	0.8	0.0	0.0	0.5	0.1	100
ONT	0.1	0.0	0.1	0.2	3.7	93.3	0.5	0.3	1.2	0.6	100
MAN	0.0	0.0	0.0	0.0	0.3	1.8	92.7	1.8	1.6	1.8	100
SASK	0.3	0.0	0.0	0.3	0.0	1.9	0.8	90.8	4.3	1.6	100
ALTA	0.2	0.0	0.0	0.0	0.3	2.4	0.5	1.5	92.0	3.1	100
BC	0.0	0.0	0.2	0.3	0.4	1.8	0.6	0.0	2.4	94.3	100
1986 Cohort											
NFLD	93.9	0.0	0.3	2.2	0.7	2.0	0.3	0.0	0.0	0.6	100
PEI	0.0	90.8	0.8	3.3	0.9	1.7	0.0	0.0	1.7	0.9	100
NS	2.6	3.4	79.3	6.7	0.3	3.4	0.5	0.0	2.0	1.9	100
NB	0.9	2.4	6.5	80.5	4.9	3.8	0.0	0.0	0.3	0.6	100
QUE	0.0	0.0	0.0	0.2	97.7	1.4	0.0	0.2	0.4	0.1	100
ONT	0.1	0.0	0.4	0.5	3.1	93.0	1.1	0.3	0.6	0.9	100
MAN	0.0	0.0	0.0	0.4	0.4	3.4	89.4	2.5	1.9	1.9	100
SASK	0.0	0.0	0.0	0.0	0.3	1.9	1.9	91.2	2.7	2.0	100
ALTA	0.1	0.0	0.6	0.1	0.2	1.1	0.5	1.1	93.0	3.4	100
BC	0.0	0.0	0.3	0.0	0.5	2.4	0.4	1.6	4.4	90.4	100
1990 Cohort											
NFLD	95.3	0.0	0.3	0.0	0.3	3.7	0.0	0.0	0.0	0.3	100
PEI	1.7	77.2	8.7	6.4	0.8	2.6	0.0	1.0	1.7	0.0	100
NS	4.5	1.4	77.3	7.0	0.6	6.5	0.9	0.3	0.9	0.6	100
NB	2.2	2.5	4.7	80.7	3.7	4.1	0.6	0.0	0.9	0.6	100
QUE	0.2	0.0	0.3	0.3	96.8	2.1	0.0	0.1	0.0	0.1	100
ONT	0.0	0.0	0.5	0.1	2.8	94.4	0.6	0.0	0.8	0.8	100
MAN	0.0	0.0	0.6	0.0	0.6	2.3	92.7	2.3	0.9	0.6	100
SASK	0.0	0.0	0.0	0.0	0.6	0.6	2.4	90.4	3.3	2.7	100
ALTA	0.0	0.0	0.2	0.2	0.7	0.7	0.2	1.7	92.6	3.6	100
BC	0.0	0.0	0.0	0.0	0.0	3.9	0.3	0.6	1.5	93.7	100

Within these broad trends, however, are some interesting specific patterns, especially in terms of identifying provinces that are magnets for attracting students from other provinces. As noted above, Nova Scotia is clearly such a magnet, with its universities attracting students from every province, particularly Ontario and the other Maritime provinces; these inflows represent approximately 20 percent of all Nova Scotia graduates in each cohort. New Brunswick and PEI have also been magnets (see the high inflow rates in Table 4, ranging from 9 to 23 percent) but, unlike Nova Scotia, most of their students have come from the other Maritime provinces (Table 3). At the other extreme, Newfoundland and (especially) Quebec have had the smallest shares of "non-residents" in their graduating classes (no more than 3.2 percent in any year for

Quebec). The other provinces, from Ontario westward, have had inflows between these highs and lows, representing from 6 to 11 percent of their graduates in any given year. BC, and to a lesser extent Alberta, attract students from Ontario, as well as from the other western provinces. One final point on Table 3: the PEI rows contain some quite large numbers off the diagonal but every one of the 95 percent confidence intervals shown in Table 3A contains zero. One would need a very large data set indeed to get a clear picture of those who migrate from other provinces to study in PEI.

Table 4 Percentage of Movers and Entrants to School with 95% Confidence Intervals

Outflows By Pre-School Province

Pre-School Province	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	10.4	4.2	18.6	10.8	4.9	16.8	12.7	7.0	19.2
PEI	37.6	17.6	60.0	45.0	28.0	63.6	31.8	11.1	55.6
NS	4.1	1.6	7.1	9.2	5.8	12.7	12.2	7.4	17.3
NB	22.1	14.9	30.5	22.2	15.4	28.2	19.5	12.6	26.5
QUE	6.4	5.1	7.7	4.7	3.7	5.7	5.3	4.0	6.6
ONT	2.3	1.6	3.0	3.3	2.5	4.0	3.6	2.8	4.4
MAN	7.1	3.5	10.6	12.5	7.8	16.3	10.0	5.7	14.0
SASK	9.2	5.3	13.5	11.3	7.3	15.8	8.7	4.8	13.1
ALTA	13.3	9.7	16.5	11.6	8.5	14.3	8.5	5.4	11.3
BC	9.9	6.7	13.3	14.0	10.1	17.2	10.9	7.8	14.0
CANADA	6.3	5.6	7.0	7.0	6.3	7.6	6.5	5.8	7.2

Inflows By Province at School

Province at School	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	1.9	0.0	5.2	6.1	1.9	11.2	4.7	0.9	8.7
PEI	11.6	0.0	25.0	9.2	0.0	22.7	22.8	0.0	41.2
NS	17.5	12.0	22.1	20.7	16.1	25.5	22.7	16.7	28.6
NB	21.6	13.8	28.8	19.5	13.4	25.7	19.3	12.0	26.6
QUE	1.7	1.0	2.5	2.3	1.6	3.0	3.2	2.1	4.0
ONT	6.7	5.6	7.9	7.0	5.9	8.1	5.6	4.6	6.6
MAN	7.3	3.8	11.3	10.6	6.7	14.2	7.3	3.8	11.1
SASK	9.2	4.8	13.5	8.8	5.5	12.4	9.6	5.8	13.6
ALTA	8.0	5.2	10.8	7.0	4.7	9.5	7.4	4.7	9.9
BC	5.7	2.8	8.3	9.6	6.7	12.4	6.3	3.7	8.9
CANADA	6.3	5.6	7.0	7.0	6.3	7.6	6.5	5.8	7.2

Net Inflows By Pre-School Province

Pre-School Province	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	-8.7	-16.7	-1.3	-5.0	-12.6	2.7	-8.4	-14.8	0.0
PEI	-29.4	-56.5	-5.6	-39.4	-60.0	-18.5	-11.7	-42.9	20.0
NS	16.3	8.6	24.1	14.6	7.1	22.1	13.6	3.8	23.3
NB	-0.7	-13.9	11.0	-3.4	-13.1	6.4	-0.3	-11.3	10.6
QUE	-4.8	-6.2	-3.3	-2.4	-3.7	-1.2	-2.2	-3.8	-0.5
ONT	4.7	3.1	6.1	4.0	2.7	5.6	2.1	0.8	3.5
MAN	0.3	-4.9	6.1	-2.1	-7.9	3.7	-2.9	-8.3	3.4
SASK	0.0	-6.6	6.4	-2.7	-8.1	3.6	1.0	-4.5	7.8
ALTA	-5.7	-10.1	-1.4	-4.9	-8.4	-0.7	-1.1	-5.4	2.6
BC	-4.5	-8.8	-0.3	-4.9	-9.9	-0.3	-5.0	-8.9	-0.9

Many of the key results of this section can be seen in the last panel of summary Table 4, which shows net inflows by pre-school province. Newfoundland, PEI, Quebec, Alberta and BC have "statistically significant" (in the sense that the 95 percent confidence interval does not contain zero) outflows to school for at least one cohort. Nova Scotia and Ontario have significant inflows. Other provinces show mixed results. And, once again, patterns vary across cohorts. For example, net outflows from Quebec for the 1986 and 1990 cohorts were half of what they were for the 1982 cohort.

3.4 Moving Between the Pre-School Location and the Second Interview

We now focus on the migration patterns from pre-school to five years following graduation. If all individuals simply stayed in the provinces in which they had completed their studies, these patterns would, of course, look the same as those of the preceding section (pre-school to school), but this is not the case. Instead, the rates of migration are generally greater, and the directions of the movements are quite different, thus indicating that new and different factors affect post-graduation mobility relative to that at the earlier stage – with labour market influences presumably playing a critical role in this respect.

Tables 5 to 7 parallel the three tables of the previous section: detailed province-to-province mobility patterns by the pre-school province (Tables 5 and 5A); the detailed patterns by the final province (Tables 6 and 6A); and an overall summary of the gross outflows and inflows (Table 7). There is no mathematical reason that the summary numbers in Table 7 (the percentage of individuals who were no longer living in the pre-school province by the second interview) have to exceed the numbers in Table 4 (the percentage moving to school). Indeed, if the typical pattern were "move to school" and then return "home," the numbers in Table 7 would be much lower than those in Table 4. Inspection of Tables 4 and 7, however, quickly reveals differences in levels and trends. The Canada rows in Table 4 are 6.3, 7.0 and 6.5 percent with no evident trend – all of the 95 percent confidence intervals overlap. The corresponding numbers in Table 7 are 14.8, 13.5 and 12.7 which are clearly larger and there is evidence of a downward trend – the 95 percent confidence intervals for the 1982 and 1990 cohorts do not overlap.

While it is still true that much of the action is still on or near the principal diagonals, the numbers in Tables 5 and 6 are much lower than in Tables 2 and 3, and there is much more happening

away from the diagonals. Ontario is, for example, now seen to attract young workers from every province except PEI for every cohort. Alberta and BC are also magnets in this sense, although their attraction is more regional than the national influence of Ontario. As mentioned above, there is also some evidence that Alberta's attraction has weakened for later cohorts, while BC's attraction has strengthened. Nova Scotia still draws a substantial number of young people from Ontario and the Maritime provinces (as it did in the move to school results) but these inflows are more than counterbalanced by outflows, so that the net flows are large and significant.

Table 5 **Percentage Distribution of Province at Second Interview by Pre-School Province**

Pre-School Prov.	Province at Second Interview										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	77.4	0.4	5.2	1.7	0.8	6.5	0.3	1.1	5.9	0.9	100
PEI	1.2	66.0	11.0	7.4	0.6	3.2	0.6	0.0	10.1	0.0	100
NS	2.1	1.4	68.9	3.6	2.2	11.9	1.1	0.4	5.2	3.4	100
NB	0.8	0.5	8.8	65.2	5.5	11.4	0.7	0.0	5.1	2.0	100
QUE	0.1	0.0	0.2	0.9	89.6	7.2	0.2	0.0	1.3	0.4	100
ONT	0.0	0.1	0.8	0.1	4.3	89.2	0.5	0.8	3.3	1.0	100
MAN	0.0	0.5	1.1	0.0	1.1	10.9	72.6	2.9	8.8	2.0	100
SASK	0.0	0.0	0.0	0.2	0.3	5.6	2.8	71.0	16.4	3.7	100
ALTA	0.1	0.0	0.4	0.0	1.7	3.9	1.5	3.5	83.9	4.9	100
BC	0.0	0.0	0.2	0.1	0.8	7.1	0.3	0.7	7.8	83.1	100
1986 Cohort											
NFLD	67.9	0.6	6.1	2.0	1.4	17.8	0.3	0.6	3.0	0.3	100
PEI	0.0	53.3	20.3	8.8	0.6	14.1	1.0	0.0	1.0	1.0	100
NS	1.4	1.8	61.8	5.8	2.9	20.3	0.8	0.4	2.9	1.9	100
NB	1.1	1.5	8.4	60.2	4.8	16.8	2.1	0.3	3.3	1.5	100
QUE	0.0	0.0	0.0	0.1	92.0	6.4	0.3	0.2	0.1	0.7	100
ONT	0.0	0.1	0.9	0.2	1.5	94.2	0.4	0.1	0.7	1.8	100
MAN	0.0	0.0	0.2	0.0	1.3	10.5	75.1	0.9	7.1	4.9	100
SASK	0.0	0.3	0.0	0.0	2.3	9.4	4.9	63.9	13.1	6.1	100
ALTA	0.0	0.2	0.3	0.2	1.7	5.8	0.8	1.7	81.1	8.1	100
BC	0.0	0.0	0.8	0.0	0.4	9.1	1.2	1.1	5.6	81.8	100
1990 Cohort											
NFLD	70.8	0.5	5.3	1.9	1.2	12.6	0.9	0.3	4.3	2.1	100
PEI	4.8	51.8	21.5	3.5	0.0	10.3	0.0	0.0	5.9	2.2	100
NS	3.6	2.3	61.3	6.0	1.8	18.8	0.4	0.7	0.8	4.3	100
NB	1.2	1.0	10.3	70.1	2.5	10.4	0.6	0.0	2.2	1.6	100
QUE	0.3	0.0	0.0	0.3	92.1	5.0	0.3	0.2	0.6	1.3	100
ONT	1.1	0.1	0.5	0.1	1.9	93.0	0.3	0.2	0.5	2.4	100
MAN	0.3	0.3	0.6	0.0	0.6	12.5	68.6	1.7	7.9	7.6	100
SASK	0.0	0.0	0.0	0.3	0.7	2.5	4.5	59.4	25.7	6.8	100
ALTA	0.3	0.3	0.0	0.3	0.4	2.8	0.3	0.8	87.5	7.3	100
BC	1.1	0.0	0.0	0.1	0.6	2.8	0.3	0.6	3.4	91.1	100

away from the diagonals. Ontario is, for example, now seen to attract young workers from every province except PEI for every cohort. Alberta and BC are also magnets in this sense, although their attraction is more regional than the national influence of Ontario. As mentioned above, there is also some evidence that Alberta's attraction has weakened for later cohorts, while BC's attraction has strengthened. Nova Scotia still draws a substantial number of young people from Ontario and the Maritime provinces (as it did in the move to school results) but these inflows are more than counterbalanced by outflows, so that the net flows are large and significant.

Table 5 **Percentage Distribution of Province at Second Interview by Pre-School Province**

Pre-School Prov.	Province at Second Interview										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	77.4	0.4	5.2	1.7	0.8	6.5	0.3	1.1	5.9	0.9	100
PEI	1.2	66.0	11.0	7.4	0.6	3.2	0.6	0.0	10.1	0.0	100
NS	2.1	1.4	68.9	3.6	2.2	11.9	1.1	0.4	5.2	3.4	100
NB	0.8	0.5	8.8	65.2	5.5	11.4	0.7	0.0	5.1	2.0	100
QUE	0.1	0.0	0.2	0.9	89.6	7.2	0.2	0.0	1.3	0.4	100
ONT	0.0	0.1	0.8	0.1	4.3	89.2	0.5	0.8	3.3	1.0	100
MAN	0.0	0.5	1.1	0.0	1.1	10.9	72.6	2.9	8.8	2.0	100
SASK	0.0	0.0	0.0	0.2	0.3	5.6	2.8	71.0	16.4	3.7	100
ALTA	0.1	0.0	0.4	0.0	1.7	3.9	1.5	3.5	83.9	4.9	100
BC	0.0	0.0	0.2	0.1	0.8	7.1	0.3	0.7	7.8	83.1	100
1986 Cohort											
NFLD	67.9	0.6	6.1	2.0	1.4	17.8	0.3	0.6	3.0	0.3	100
PEI	0.0	53.3	20.3	8.8	0.6	14.1	1.0	0.0	1.0	1.0	100
NS	1.4	1.8	61.8	5.8	2.9	20.3	0.8	0.4	2.9	1.9	100
NB	1.1	1.5	8.4	60.2	4.8	16.8	2.1	0.3	3.3	1.5	100
QUE	0.0	0.0	0.0	0.1	92.0	6.4	0.3	0.2	0.1	0.7	100
ONT	0.0	0.1	0.9	0.2	1.5	94.2	0.4	0.1	0.7	1.8	100
MAN	0.0	0.0	0.2	0.0	1.3	10.5	75.1	0.9	7.1	4.9	100
SASK	0.0	0.3	0.0	0.0	2.3	9.4	4.9	63.9	13.1	6.1	100
ALTA	0.0	0.2	0.3	0.2	1.7	5.8	0.8	1.7	81.1	8.1	100
BC	0.0	0.0	0.8	0.0	0.4	9.1	1.2	1.1	5.6	81.8	100
1990 Cohort											
NFLD	70.8	0.5	5.3	1.9	1.2	12.6	0.9	0.3	4.3	2.1	100
PEI	4.8	51.8	21.5	3.5	0.0	10.3	0.0	0.0	5.9	2.2	100
NS	3.6	2.3	61.3	6.0	1.8	18.8	0.4	0.7	0.8	4.3	100
NB	1.2	1.0	10.3	70.1	2.5	10.4	0.6	0.0	2.2	1.6	100
QUE	0.3	0.0	0.0	0.3	92.1	5.0	0.3	0.2	0.6	1.3	100
ONT	1.1	0.1	0.5	0.1	1.9	93.0	0.3	0.2	0.5	2.4	100
MAN	0.3	0.3	0.6	0.0	0.6	12.5	68.6	1.7	7.9	7.6	100
SASK	0.0	0.0	0.0	0.3	0.7	2.5	4.5	59.4	25.7	6.8	100
ALTA	0.3	0.3	0.0	0.3	0.4	2.8	0.3	0.8	87.5	7.3	100
BC	1.1	0.0	0.0	0.1	0.6	2.8	0.3	0.6	3.4	91.1	100

Table 6 Percentage Distribution of Pre-School Province by Province at Second Interview

Prov. at Second Int.	Pre-School Province										
	NFLD	PEI	NS	NB	QUE	ONT	MAN	SASK	ALTA	BC	TOTAL
1982 Cohort											
NFLD	88.8	0.4	5.8	1.3	2.5	0.4	0.0	0.0	0.7	0.0	100
PEI	1.4	70.6	13.3	2.7	0.7	5.6	4.9	0.0	0.7	0.0	100
NS	2.4	1.4	78.0	6.0	1.8	7.9	1.3	0.0	1.0	0.4	100
NB	1.3	1.6	6.9	75.9	11.6	1.8	0.0	0.3	0.1	0.4	100
QUE	0.1	0.0	0.3	0.5	92.4	5.8	0.2	0.0	0.5	0.2	100
ONT	0.3	0.0	1.3	0.8	5.4	88.4	1.2	0.6	0.8	1.2	100
MAN	0.1	0.1	1.2	0.5	1.9	5.0	84.3	3.0	3.5	0.6	100
SASK	0.5	0.0	0.5	0.0	0.0	8.2	3.5	77.9	8.2	1.3	100
ALTA	0.9	0.4	2.0	1.2	3.5	11.9	3.5	5.9	65.7	4.8	100
BC	0.2	0.0	2.1	0.7	1.8	5.8	1.2	2.1	5.9	80.2	100
1986 Cohort											
NFLD	91.4	0.0	4.4	2.4	0.4	1.3	0.0	0.0	0.0	0.0	100
PEI	2.4	59.7	16.4	9.2	0.6	6.0	0.0	2.8	3.0	0.0	100
NS	3.0	3.0	74.6	6.8	0.2	9.7	0.3	0.0	0.8	1.5	100
NB	1.6	2.1	11.5	79.4	1.9	2.6	0.0	0.0	0.9	0.0	100
QUE	0.1	0.0	0.4	0.5	96.0	1.9	0.2	0.3	0.5	0.1	100
ONT	0.8	0.2	2.1	1.2	4.9	85.9	1.2	1.0	1.2	1.5	100
MAN	0.1	0.1	0.8	1.4	2.4	3.8	83.0	5.0	1.6	1.8	100
SASK	0.3	0.0	0.5	0.3	2.0	1.4	1.3	87.3	4.4	2.4	100
ALTA	0.6	0.1	1.4	1.1	0.4	2.8	4.0	6.7	78.5	4.4	100
BC	0.1	0.1	1.1	0.6	2.9	8.6	3.1	3.5	8.7	71.5	100
1990 Cohort											
NFLD	66.6	0.7	5.5	1.2	2.8	18.6	0.5	0.0	0.8	3.3	100
PEI	3.4	51.9	23.0	6.5	0.0	6.2	2.8	0.0	6.2	0.0	100
NS	4.1	2.8	77.0	8.6	0.0	6.7	0.8	0.0	0.0	0.0	100
NB	2.0	0.6	10.4	79.6	3.5	1.7	0.0	0.5	1.3	0.4	100
QUE	0.1	0.0	0.3	0.2	95.8	3.1	0.1	0.1	0.1	0.2	100
ONT	0.7	0.1	1.7	0.6	3.1	91.2	1.3	0.2	0.6	0.5	100
MAN	0.6	0.0	0.4	0.5	2.6	3.2	85.8	5.3	0.8	0.7	100
SASK	0.3	0.0	0.9	0.0	1.5	3.7	2.7	87.0	2.4	1.6	100
ALTA	1.1	0.2	0.3	0.6	1.7	2.1	3.6	10.8	76.8	2.9	100
BC	0.5	0.1	1.7	0.4	3.4	10.0	3.2	2.7	6.1	71.9	100

Once again the main results are perhaps seen most easily in the last panel of summary Table 7. For the 1982 cohort the only province with a positive and statistically significant net-inflow percentage is Alberta (28 percent), for the 1986 cohort this switches to BC (14 percent) and Ontario (10 percent), and for the 1990 cohort it is BC (27 percent), Alberta (14 percent) and Ontario (2 percent). We conjecture that shifting economic conditions are an important cause of these changes in mobility patterns but a more extensive analysis of the underlying factors must be left for later research. For a dramatic change in mobility patterns across cohorts there is perhaps no better example than the Newfoundland rows in Table 7. It exhibited net flow percentages of -13 percent for the 1982 cohort, -26 percent for the 1986 cohort and +6 percent for the 1990 cohort, and the 95 percent confidence intervals for 1986 and 1990 do not overlap.

Table 6 Percentage Distribution of Pre-School Province by Province at Second Interview

Prov. at Second Int.	Pre-School Province										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	88.8	0.4	5.8	1.3	2.5	0.4	0.0	0.0	0.7	0.0	100
PEI	1.4	70.6	13.3	2.7	0.7	5.6	4.9	0.0	0.7	0.0	100
NS	2.4	1.4	78.0	6.0	1.8	7.9	1.3	0.0	1.0	0.4	100
NB	1.3	1.6	6.9	75.9	11.6	1.8	0.0	0.3	0.1	0.4	100
QUE	0.1	0.0	0.3	0.5	92.4	5.8	0.2	0.0	0.5	0.2	100
ONT	0.3	0.0	1.3	0.8	5.4	88.4	1.2	0.6	0.8	1.2	100
MAN	0.1	0.1	1.2	0.5	1.9	5.0	84.3	3.0	3.5	0.6	100
SASK	0.5	0.0	0.5	0.0	0.0	8.2	3.5	77.9	8.2	1.3	100
ALTA	0.9	0.4	2.0	1.2	3.5	11.9	3.5	5.9	65.7	4.8	100
BC	0.2	0.0	2.1	0.7	1.8	5.8	1.2	2.1	5.9	80.2	100
1986 Cohort											
NFLD	91.4	0.0	4.4	2.4	0.4	1.3	0.0	0.0	0.0	0.0	100
PEI	2.4	59.7	16.4	9.2	0.6	6.0	0.0	2.8	3.0	0.0	100
NS	3.0	3.0	74.6	6.8	0.2	9.7	0.3	0.0	0.8	1.5	100
NB	1.6	2.1	11.5	79.4	1.9	2.6	0.0	0.0	0.9	0.0	100
QUE	0.1	0.0	0.4	0.5	96.0	1.9	0.2	0.3	0.5	0.1	100
ONT	0.8	0.2	2.1	1.2	4.9	85.9	1.2	1.0	1.2	1.5	100
MAN	0.1	0.1	0.8	1.4	2.4	3.8	83.0	5.0	1.6	1.8	100
SASK	0.3	0.0	0.5	0.3	2.0	1.4	1.3	87.3	4.4	2.4	100
ALTA	0.6	0.1	1.4	1.1	0.4	2.8	4.0	6.7	78.5	4.4	100
BC	0.1	0.1	1.1	0.6	2.9	8.6	3.1	3.5	8.7	71.5	100
1990 Cohort											
NFLD	66.6	0.7	5.5	1.2	2.8	18.6	0.5	0.0	0.8	3.3	100
PEI	3.4	51.9	23.0	6.5	0.0	6.2	2.8	0.0	6.2	0.0	100
NS	4.1	2.8	77.0	8.6	0.0	6.7	0.8	0.0	0.0	0.0	100
NB	2.0	0.6	10.4	79.6	3.5	1.7	0.0	0.5	1.3	0.4	100
QUE	0.1	0.0	0.3	0.2	95.8	3.1	0.1	0.1	0.1	0.2	100
ONT	0.7	0.1	1.7	0.6	3.1	91.2	1.3	0.2	0.6	0.5	100
MAN	0.6	0.0	0.4	0.5	2.6	3.2	85.8	5.3	0.8	0.7	100
SASK	0.3	0.0	0.9	0.0	1.5	3.7	2.7	87.0	2.4	1.6	100
ALTA	1.1	0.2	0.3	0.6	1.7	2.1	3.6	10.8	76.8	2.9	100
BC	0.5	0.1	1.7	0.4	3.4	10.0	3.2	2.7	6.1	71.9	100

Once again the main results are perhaps seen most easily in the last panel of summary Table 7. For the 1982 cohort the only province with a positive and statistically significant net-inflow percentage is Alberta (28 percent), for the 1986 cohort this switches to BC (14 percent) and Ontario (10 percent), and for the 1990 cohort it is BC (27 percent), Alberta (14 percent) and Ontario (2 percent). We conjecture that shifting economic conditions are an important cause of these changes in mobility patterns but a more extensive analysis of the underlying factors must be left for later research. For a dramatic change in mobility patterns across cohorts there is perhaps no better example than the Newfoundland rows in Table 7. It exhibited net flow percentages of -13 percent for the 1982 cohort, -26 percent for the 1986 cohort and +6 percent for the 1990 cohort, and the 95 percent confidence intervals for 1986 and 1990 do not overlap.

Has Newfoundland actually become a magnet for university graduates? It will be interesting to check the numbers for the 1995 cohort when they become available.

Table 7 Percentage of Movers and Entrants to Second Interview with 95% Confidence Intervals

Outflows By Pre-School Province

Pre-School Province	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	22.6	12.7	31.3	32.1	22.7	41.8	29.2	20.8	38.3
PEI	34.0	10.7	50.0	46.7	28.0	64.3	48.2	25.0	71.4
NS	31.1	23.8	37.4	38.2	32.2	44.6	38.7	31.8	46.1
NB	34.8	26.5	45.0	39.8	32.6	47.6	29.9	21.6	38.6
QUE	10.4	8.8	12.0	8.0	6.8	9.3	7.9	6.2	9.3
ONT	10.8	9.5	12.3	5.8	4.8	6.8	7.0	6.1	8.2
MAN	27.4	20.9	33.3	24.9	19.6	30.0	31.4	24.6	37.4
SASK	29.0	22.9	36.2	36.1	30.0	42.3	40.6	33.1	47.5
ALTA	16.1	12.1	19.6	18.9	15.3	22.5	12.5	9.6	16.1
BC	16.9	12.9	22.1	18.2	14.3	22.0	8.9	6.0	11.8
CANADA	14.8	13.7	15.9	13.5	12.7	14.4	12.7	11.7	13.5

Inflows By Province at Second Interview

Province at Second Interview	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	11.2	3.6	18.5	8.6	2.5	15.7	33.4	25.4	41.8
PEI	29.4	8.7	50.0	40.3	21.4	60.0	48.1	25.0	73.7
NS	22.0	15.7	28.5	25.4	19.5	31.3	23.0	16.4	30.5
NB	24.1	15.9	32.4	20.6	14.0	28.3	20.4	12.9	28.7
QUE	7.6	6.2	9.1	4.0	3.1	5.0	4.2	3.1	5.4
ONT	11.6	10.2	13.1	14.1	12.8	15.6	8.8	7.6	10.1
MAN	15.7	10.4	21.2	17.0	12.7	22.5	14.2	7.8	19.4
SASK	22.1	16.0	28.8	12.7	8.0	17.4	13.0	7.3	18.9
ALTA	34.3	30.1	38.5	21.5	17.6	25.1	23.2	19.8	27.7
BC	19.8	15.6	24.4	28.5	24.4	32.7	28.1	24.3	32.2
CANADA	14.8	13.7	15.9	13.5	12.7	14.4	12.7	11.7	13.5

Net Inflows By Pre-School Province

Pre-School Province	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	-12.9	-24.2	0.0	-25.7	-36.2	-14.6	6.4	-9.2	23.6
PEI	-6.5	-36.8	33.3	-10.7	-40.0	25.0	-0.2	-39.1	57.1
NS	-11.7	-21.1	-1.8	-17.2	-25.3	-7.3	-20.5	-30.7	-11.3
NB	-14.1	-27.5	-0.9	-24.1	-34.0	-14.6	-11.9	-24.3	0.0
QUE	-3.0	-5.2	-0.7	-4.1	-5.5	-2.4	-3.9	-5.7	-2.0
ONT	0.9	-1.6	3.0	9.8	7.9	11.9	2.0	0.1	3.7
MAN	-13.8	-22.6	-5.5	-9.5	-17.0	-2.5	-20.1	-27.6	-11.8
SASK	-8.8	-18.3	2.0	-26.8	-33.7	-18.8	-31.7	-39.9	-23.2
ALTA	27.8	17.7	35.2	3.3	-2.0	10.0	13.9	7.8	21.0
BC	3.6	-3.5	11.0	14.4	6.0	21.8	26.8	19.9	34.6

4. Further Analysis of Moving to School

4.1 Returners and Non-Returners

To this point, we have focused on moves between two specific points in time – pre-school to school and pre-school to the second interview – while ignoring the more detailed sequence of moves over the four points in time for which the graduate's province of residence is known. In this section, we investigate some of these patterns, including those that involve "returners" (moving away but then back again). In addition, we try to shed more light on the motivation for studying out of province by examining movers by field of study and pre-school province.

For our purposes, a "returner" is defined as someone who moved from the province of origin at some point (from pre-school to school or after graduation) but who was then back in the province of origin as of the second interview. "Non-returners" comprise all those who made at least one move but did not so return. The first column of Table 8 shows the movers of any type as a percentage of the residents of each province prior to attending university. We are, therefore, now looking at a broader class of movers than before, but we again find that the percentages are inversely related to the population size of the province, with some exceptions (*e.g.*, New Brunswick has more people than Newfoundland, yet a higher mobility rate). Columns 2 and 6 express returners and non-returners as a percentage of movers (and thus sum to 100 percent). Columns 3 to 5 break down returners into three types – those who moved only to school, those who moved only to the first interview, and the rest – and therefore they sum to 100 percent (except for rounding error). One may obtain the percentage of returners who moved to school by adding columns 3 and 5 together. Columns 7 through 9 break out three groups of non-returners – those who left to go to school, those who left for the first time at the first interview, and those who left for the first time at the second interview, and they too sum to 100 percent.

The first major point to make is that most individuals who left their pre-school province at some point did not subsequently return – at least not by the second interview date, five years following graduation, which is the latest point in time observed in these data.[8] The rates vary by province of origin, but returners generally comprise less than one-third of all movers, and in many cases the

[8] Of course individuals who left for the first time at the second interview would, by construction, not have had the chance to move back.

numbers are considerably lower than this. The "ALL" row in Table 8 shows that, for each cohort, returners comprise less than one-quarter of all movers in Canada. In short, the inter-provincial mobility of baccalaureate graduates has not generally been a matter of moving away for a brief time to go to school or to gain a bit of labour market experience elsewhere before returning "home," and has instead been of a more permanent nature. This result has implications for a range of public policy issues, including those pertaining to who should pay for post-secondary education (to which provinces to these *peripaters* belong?), various human resource issues, and more.

Table 8 **Percentage Distribution of Movers by Type of Move and Pre-School Province**

Pre-School Prov.	MOVERS	RETURNERS				NON-RETURNERS			
		as a percentage of movers	*moved only to school*	*moved only to first int.*	*other returners*	*as a percentage of movers*	*moved 1st to school*	*moved 1st to first interview*	*moved 1st to second interview*
					1982 Cohort				
NFLD	29.0	21.9	71.2	28.8	0.0	78.1	26.1	58.8	15.0
PEI	62.1	45.2	79.6	15.2	5.3	54.8	40.6	44.6	14.8
NS	35.0	11.0	57.2	33.7	9.1	89.0	5.0	69.9	25.1
NB	46.6	25.4	41.7	35.8	22.5	74.6	41.7	46.7	11.6
QUE	15.4	32.2	62.8	25.0	12.2	67.8	25.9	47.1	27.0
ONT	13.3	18.4	20.7	72.0	7.3	81.6	15.1	59.6	25.3
MAN	29.6	7.4	38.9	42.3	18.7	92.6	21.2	46.9	32.0
SASK	33.6	13.7	25.2	63.1	11.7	86.3	25.8	54.8	19.4
ALTA	22.9	29.6	66.0	27.4	6.6	70.4	51.9	20.8	27.2
BC	22.5	24.8	69.3	25.2	5.5	75.2	34.0	30.1	35.9
ALL	19.1	22.6	51.6	38.4	10.0	77.4	24.7	49.8	25.5
					1986 Cohort				
NFLD	36.3	11.5	61.0	39.0	0.0	88.5	25.7	36.7	37.6
PEI	69.0	32.3	61.5	29.2	9.2	67.7	62.6	22.1	15.3
NS	44.7	14.5	30.4	64.1	5.4	85.5	17.9	46.4	35.6
NB	50.4	21.1	58.2	37.7	4.1	78.9	39.3	40.2	20.6
QUE	10.7	25.1	58.1	28.1	13.8	74.9	34.5	39.8	25.7
ONT	8.4	31.6	67.9	18.7	13.3	68.4	19.3	27.2	53.5
MAN	30.2	17.6	60.1	35.5	4.4	82.4	36.4	31.4	32.3
SASK	39.8	9.5	56.8	27.6	15.6	90.5	23.6	37.9	38.4
ALTA	24.8	23.7	63.2	24.6	12.2	76.3	37.8	40.4	21.8
BC	25.6	28.8	68.3	26.0	5.7	71.2	46.7	24.8	28.5
ALL	17.5	22.5	60.7	29.0	10.2	77.5	31.1	36.0	32.9
					1990 Cohort				
NFLD	37.0	21.2	77.0	23.0	0.0	78.8	22.8	49.8	27.5
PEI	59.9	19.5	60.8	39.2	0.0	80.5	51.2	29.9	18.8
NS	43.9	11.8	48.8	31.6	19.6	88.2	22.4	58.5	19.0
NB	42.0	28.9	53.9	20.0	26.1	71.1	32.9	44.0	23.0
QUE	11.8	32.5	56.5	34.1	9.4	67.5	35.1	39.2	25.8
ONT	9.7	27.2	69.5	26.2	4.3	72.8	23.7	25.7	50.6
MAN	34.7	9.3	33.2	44.1	22.7	90.7	26.2	44.3	29.5
SASK	46.8	13.3	37.1	62.9	0.0	86.7	15.7	59.6	24.7
ALTA	18.5	32.2	69.0	19.8	11.2	67.8	29.5	41.8	28.6
BC	15.7	43.6	85.1	11.9	3.1	56.4	55.0	21.4	23.6
ALL	16.8	24.9	63.4	28.1	8.5	75.1	27.7	41.4	30.8

When do non-returners leave for the first time – to go to school, at the first interview or at the second interview? For Canada as a whole, almost half of the non-returners in the 1982 cohort left for the first time at the first interview and the rest were equally divided between leaving to go to school and leaving at the second interview. For the next two cohorts, moving to school was more important. This trend in the numbers for Canada as a whole is strongly influenced by the numbers for Quebec, Ontario and BC – where more non-returners left for the first time to go to school in the later cohorts. Moving to school has also been growing in importance for returners. For Canada, the sum of columns 3 and 5 is 62 percent for 1982, 71 percent for 1986 and 72 percent for 1990. Thus while the "ALL" row shows a downward trend in general mobility across the cohorts, moving to school has been growing in relative importance. (Table 4 shows that for the country as a whole 6.3 percent moved to school in the 1982 cohort, 7.0 percent for the 1986 cohort and 6.5 percent for the 1990 cohort).

4.2 Movers by Field of Study

Earlier in this paper, we hypothesised that residents of smaller provinces in particular might move to go to school in order to take a specific program that is unavailable in their home province or where choices are generally more limited (fewer universities). If this were true, then the percentage of movers to school should vary by field of study. In particular, if the field of study were unavailable in one of the province's universities, the percentage of graduates in this field migrating out of province should exceed the percentage averaged across all fields. The numbers for all but the last column of Table 9 are thus the percentage differences between the percentage leaving the province in each field and the last row of Table 9, which is the percentage of movers across all fields taken together.

It is worth noting, at the outset, that adducing evidence in favour of this hypothesis, or against it, is inherently difficult. The reason is that we are most likely to see the anticipated "outlier" result for small provinces but the "noise-to-signal ratio" is typically so high for small provinces that anything observed is unlikely to be statistically significant.

Having said this, there does appear to be *some* evidence of field effects. At one extreme, in PEI, 100 percent of those who obtained a degree in the health field studied out of province in every

cohort (the sum of the health column number and the number in the "movers" column is 100 percent). Likewise, the PEI numbers for engineering and computer science are large and positive.

Table 9 **Percentage Differences Between Movers by Field of Study and Average Movers, by Pre-School Province**

Pre-School Province	ALLED	FINEHU	COMMER	ECN	OTHSSC	AGBIOS	ENGCSC	OTHHEA	MATHPH	MOVERS
					1982 Cohort					
NFLD	-0.4	-9.3	0.7	-9.3	-9.3	12.0	18.3	-9.3	-9.3	9.3
PEI	29.2	-36.0	-36.0	36.2	-1.6	6.0	43.1	64.0	-36.0	36.0
NS	-1.5	3.0	-2.2	-3.8	-0.7	-1.4	4.7	-1.2	5.6	3.8
NB	-16.2	11.0	0.9	-19.4	13.4	44.1	-6.1	10.7	44.7	19.4
QUE	-1.5	3.5	-2.6	6.7	1.2	-1.3	1.9	-4.7	2.3	5.8
ONT	-0.3	1.6	0.9	-1.9	1.0	-2.1	-1.7	-0.4	-0.1	2.3
MAN	-3.6	0.0	-5.8	-5.8	11.4	-5.8	-1.7	-2.7	7.6	5.8
SASK	-4.1	4.3	-9.2	38.3	1.8	4.1	-5.0	6.9	9.8	9.2
ALTA	-4.5	13.4	-2.7	29.0	-0.2	4.6	-4.9	-10.4	0.4	13.3
BC	-2.1	6.0	-2.9	-4.4	-4.6	9.9	7.2	-5.8	-8.4	8.4
ALL	-1.3	2.8	-1.6	4.4	0.6	0.3	0.1	-1.8	-0.6	5.8
					1986 Cohort					
NFLD	-7.9	26.2	-4.3	85.9	-7.2	53.3	4.4	5.6	37.8	14.1
PEI	-45.3	21.2	-28.1	-45.3	-10.8	43.0	40.4	54.7	-45.3	45.3
NS	6.6	-4.7	-1.9	16.6	2.2	-8.5	7.0	-8.5	-8.5	8.5
NB	-3.9	-12.4	1.7	-13.2	-3.2	41.8	-7.6	10.9	-20.7	20.7
QUE	-1.3	3.7	-4.4	3.0	4.2	4.9	-0.1	-2.2	1.6	4.5
ONT	0.1	3.2	-1.1	-2.4	0.6	-2.1	-2.0	0.5	1.5	3.1
MAN	-2.5	0.7	-10.3	4.8	7.2	-1.3	7.0	-8.3	-11.7	11.7
SASK	-0.2	8.5	-1.2	6.9	-4.1	8.5	-4.1	0.9	-1.7	9.1
ALTA	-2.2	-2.4	1.2	37.7	14.8	2.3	-7.9	-2.3	-9.9	9.9
BC	3.6	1.9	-1.7	-7.9	0.5	-9.5	5.5	-4.0	0.1	14.0
ALL	0.1	2.1	-2.8	-1.1	2.1	2.2	-0.9	-0.3	-1.1	6.5
					1990 Cohort					
NFLD	-6.9	-0.2	2.9	-9.7	2.8	20.4	2.9	8.9	7.2	9.7
PEI	-14.9	-32.7	-9.5	-32.7	-17.8	-32.7	52.1	67.3	-32.7	32.7
NS	5.3	11.4	-9.3	0.6	9.7	-2.5	-1.6	-12.7	-12.7	12.7
NB	-13.7	22.6	-3.8	-16.9	-2.5	1.2	-2.6	21.9	11.9	16.9
QUE	-4.3	6.0	0.2	-5.1	5.7	-1.6	-0.9	-1.6	-0.4	5.1
ONT	2.1	0.1	-0.9	-0.3	0.1	-1.2	-1.3	-1.1	-0.4	3.3
MAN	-7.1	23.3	11.6	-9.3	-4.5	-9.3	-2.8	-1.9	-9.3	9.3
SASK	-2.5	10.9	-5.2	-9.2	3.2	1.8	10.4	-5.2	-9.2	9.2
ALTA	-5.5	24.6	1.1	1.4	3.6	-8.4	-0.8	-8.4	-0.2	8.4
BC	1.2	-3.5	0.4	-11.8	-3.5	-6.5	10.8	6.2	-4.4	11.8
ALL	-1.5	3.4	-0.3	-3.6	1.1	-2.4	0.3	0.0	-1.2	6.2

Note: Last column excepted, cells where the 95% confidence interval does not include 0 are shaded.

Column definitions:

AGBIOS: Agricultural and biological sciences
ALLED: All education, including library sciences and non-teaching related field
COMMER: Commerce
ECN: Economics
ENGCSC: Engineering and computer sciences
FINEHU: Fine arts and humanities
MATHPH: Mathematics and physical sciences
MOVERS: All movers to school regardless of field
OTHHEA: Other health; no doctors or dentists
OTHSSC: Other social sciences (i.e. not commerce, law or economics)

cohort (the sum of the health column number and the number in the "movers" column is 100 percent). Likewise, the PEI numbers for engineering and computer science are large and positive.

Table 9 **Percentage Differences Between Movers by Field of Study and Average Movers, by Pre-School Province**

Pre-School Province	ALLED	FINEHU	COMMER	ECN	OTHSSC	AGBIOS	ENGCSC	OTHHEA	MATHPH	MOVERS
					1982 Cohort					
NFLD	-0.4	-9.3	0.7	-9.3	-9.3	12.0	18.3	-9.3	-9.3	9.3
PEI	29.2	-36.0	-36.0	36.2	-1.6	6.0	43.1	64.0	-36.0	36.0
NS	-1.5	3.0	-2.2	-3.8	-0.7	-1.4	4.7	-1.2	5.6	3.8
NB	-16.2	11.0	0.9	-19.4	13.4	44.1	-6.1	10.7	44.7	19.4
QUE	-1.5	3.5	-2.6	6.7	1.2	-1.3	1.9	-4.7	2.3	5.8
ONT	-0.3	1.6	0.9	-1.9	1.0	-2.1	-1.7	-0.4	-0.1	2.3
MAN	-3.6	0.0	-5.8	-5.8	11.4	-5.8	-1.7	-2.7	7.6	5.8
SASK	-4.1	4.3	-9.2	38.3	1.8	4.1	-5.0	6.9	9.8	9.2
ALTA	-4.5	13.4	-2.7	29.0	-0.2	4.6	-4.9	-10.4	0.4	13.3
BC	-2.1	6.0	-2.9	-4.4	-4.6	9.9	7.2	-5.8	-8.4	8.4
ALL	-1.3	2.8	-1.6	4.4	0.6	0.3	0.1	-1.8	-0.6	5.8
					1986 Cohort					
NFLD	-7.9	26.2	-4.3	85.9	-7.2	53.3	4.4	5.6	37.8	14.1
PEI	-45.3	21.2	-28.1	-45.3	-10.8	43.0	40.4	54.7	-45.3	45.3
NS	6.6	-4.7	-1.9	16.6	2.2	-8.5	7.0	-8.5	-8.5	8.5
NB	-3.9	-12.4	1.7	-13.2	-3.2	41.8	-7.6	10.9	-20.7	20.7
QUE	-1.3	3.7	-4.4	3.0	4.2	4.9	-0.1	-2.2	1.6	4.5
ONT	0.1	3.2	-1.1	-2.4	0.6	-2.1	-2.0	0.5	1.5	3.1
MAN	-2.5	0.7	-10.3	4.8	7.2	-1.3	7.0	-8.3	-11.7	11.7
SASK	-0.2	8.5	-1.2	6.9	-4.1	8.5	-4.1	0.9	-1.7	9.1
ALTA	-2.2	-2.4	1.2	37.7	14.8	2.3	-7.9	-2.3	-9.9	9.9
BC	3.6	1.9	-1.7	-7.9	0.5	-9.5	5.5	-4.0	0.1	14.0
ALL	0.1	2.1	-2.8	-1.1	2.1	2.2	-0.9	-0.3	-1.1	6.5
					1990 Cohort					
NFLD	-6.9	-0.2	2.9	-9.7	2.8	20.4	2.9	8.9	7.2	9.7
PEI	-14.9	-32.7	-9.5	-32.7	-17.8	-32.7	52.1	67.3	-32.7	32.7
NS	5.3	11.4	-9.3	0.6	9.7	-2.5	-1.6	-12.7	-12.7	12.7
NB	-13.7	22.6	-3.8	-16.9	-2.5	1.2	-2.6	21.9	11.9	16.9
QUE	-4.3	6.0	0.2	-5.1	5.7	-1.6	-0.9	-1.6	-0.4	5.1
ONT	2.1	0.1	-0.9	-0.3	0.1	-1.2	-1.3	-1.1	-0.4	3.3
MAN	-7.1	23.3	11.6	-9.3	-4.5	-9.3	-2.8	-1.9	-9.3	9.3
SASK	-2.5	10.9	-5.2	-9.2	3.2	1.8	10.4	-5.2	-9.2	9.2
ALTA	-5.5	24.6	1.1	1.4	3.6	-8.4	-0.8	-8.4	-0.2	8.4
BC	1.2	-3.5	0.4	-11.8	-3.5	-6.5	10.8	6.2	-4.4	11.8
ALL	-1.5	3.4	-0.3	-3.6	1.1	-2.4	0.3	0.0	-1.2	6.2

Note: Last column excepted, cells where the 95% confidence interval does not include 0 are shaded.

Column definitions:

AGBIOS: Agricultural and biological sciences
ALLED: All education, including library sciences and non-teaching related field
COMMER: Commerce
ECN: Economics
ENGCSC: Engineering and computer sciences
FINEHU: Fine arts and humanities
MATHPH: Mathematics and physical sciences
MOVERS: All movers to school regardless of field
OTHHEA: Other health; no doctors or dentists
OTHSSC: Other social sciences (i.e. not commerce, law or economics)

cohort (the sum of the health column number and the number in the "movers" column is 100 percent). Likewise, the PEI numbers for engineering and computer science are large and positive.

Table 9 **Percentage Differences Between Movers by Field of Study and Average Movers, by Pre-School Province**

Pre-School Province	ALLED	FINEHU	COMMER	ECN	OTHSSC	AGBIOS	ENGCSC	OTHHEA	MATHPH	MOVERS
					1982 Cohort					
NFLD	-0.4	-9.3	0.7	-9.3	-9.3	12.0	18.3	-9.3	-9.3	9.3
PEI	29.2	-36.0	-36.0	36.2	-1.6	6.0	43.1	64.0	-36.0	36.0
NS	-1.5	3.0	-2.2	-3.8	-0.7	-1.4	4.7	-1.2	5.6	3.8
NB	-16.2	11.0	0.9	-19.4	13.4	44.1	-6.1	10.7	44.7	19.4
QUE	-1.5	3.5	-2.6	6.7	1.2	-1.3	1.9	-4.7	2.3	5.8
ONT	-0.3	1.6	0.9	-1.9	1.0	-2.1	-1.7	-0.4	-0.1	2.3
MAN	-3.6	0.0	-5.8	-5.8	11.4	-5.8	-1.7	-2.7	7.6	5.8
SASK	-4.1	4.3	-9.2	38.3	1.8	4.1	-5.0	6.9	9.8	9.2
ALTA	-4.5	13.4	-2.7	29.0	-0.2	4.6	-4.9	-10.4	0.4	13.3
BC	-2.1	6.0	-2.9	-4.4	-4.6	9.9	7.2	-5.8	-8.4	8.4
ALL	-1.3	2.8	-1.6	4.4	0.6	0.3	0.1	-1.8	-0.6	5.8
					1986 Cohort					
NFLD	-7.9	26.2	-4.3	85.9	-7.2	53.3	4.4	5.6	37.8	14.1
PEI	-45.3	21.2	-28.1	-45.3	-10.8	43.0	40.4	54.7	-45.3	45.3
NS	6.6	-4.7	-1.9	16.6	2.2	-8.5	7.0	-8.5	-8.5	8.5
NB	-3.9	-12.4	1.7	-13.2	-3.2	41.8	-7.6	10.9	-20.7	20.7
QUE	-1.3	3.7	-4.4	3.0	4.2	4.9	-0.1	-2.2	1.6	4.5
ONT	0.1	3.2	-1.1	-2.4	0.6	-2.1	-2.0	0.5	1.5	3.1
MAN	-2.5	0.7	-10.3	4.8	7.2	-1.3	7.0	-8.3	-11.7	11.7
SASK	-0.2	8.5	-1.2	6.9	-4.1	8.5	-4.1	0.9	-1.7	9.1
ALTA	-2.2	-2.4	1.2	37.7	14.8	2.3	-7.9	-2.3	-9.9	9.9
BC	3.6	1.9	-1.7	-7.9	0.5	-9.5	5.5	-4.0	0.1	14.0
ALL	0.1	2.1	-2.8	-1.1	2.1	2.2	-0.9	-0.3	-1.1	6.5
					1990 Cohort					
NFLD	-6.9	-0.2	2.9	-9.7	2.8	20.4	2.9	8.9	7.2	9.7
PEI	-14.9	-32.7	-9.5	-32.7	-17.8	-32.7	52.1	67.3	-32.7	32.7
NS	5.3	11.4	-9.3	0.6	9.7	-2.5	-1.6	-12.7	-12.7	12.7
NB	-13.7	22.6	-3.8	-16.9	-2.5	1.2	-2.6	21.9	11.9	16.9
QUE	-4.3	6.0	0.2	-5.1	5.7	-1.6	-0.9	-1.6	-0.4	5.1
ONT	2.1	0.1	-0.9	-0.3	0.1	-1.2	-1.3	-1.1	-0.4	3.3
MAN	-7.1	23.3	11.6	-9.3	-4.5	-9.3	-2.8	-1.9	-9.3	9.3
SASK	-2.5	10.9	-5.2	-9.2	3.2	1.8	10.4	-5.2	-9.2	9.2
ALTA	-5.5	24.6	1.1	1.4	3.6	-8.4	-0.8	-8.4	-0.2	8.4
BC	1.2	-3.5	0.4	-11.8	-3.5	-6.5	10.8	6.2	-4.4	11.8
ALL	-1.5	3.4	-0.3	-3.6	1.1	-2.4	0.3	0.0	-1.2	6.2

Note: Last column excepted, cells where the 95% confidence interval does not include 0 are shaded.

Column definitions:

AGBIOS: Agricultural and biological sciences
ALLED: All education, including library sciences and non-teaching related field
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5. Conclusions

This paper has reported the results of an empirical analysis of inter-provincial mobility for the 1982, 1986, and 1990 cohorts of the National Graduates Survey. The principal findings may be summarised as follows:

- Relative to the rest of the adult population, inter-provincial mobility rates for young university graduates are high. Across the ten provinces and the three cohorts, the percentage of the cohort resident in the province prior to attending university who made at least one move ranged from a low of 8 percent in Ontario to a high of 69 percent in PEI (both numbers are for the 1986 cohort; see Table 8).

- Mobility patterns differ markedly by not only province of origin, but also by type of move and across the three cohorts. In our samples, mobility rates to school for Canada as a whole were 6.3 percent for the 1982 cohort, 7.0 percent in 1986 and 6.5 percent in 1990 (Table 4). Mobility rates from pre-school to the second interview were much higher; 14.8 percent, 13.5 percent and 12.7 percent across the cohorts. Thus we see approximately constant mobility rates to school but declining mobility to the second interview.

- For moving to school, Nova Scotia, and to a lesser extent Ontario, were magnets (see the last panel of Table 4).

- For moving between the pre-school province and the province at the second interview, Alberta was the magnet for the 1982 cohort; this changed to BC and Ontario for the 1986 cohort; and to BC, Alberta and Ontario for the 1990 cohort (see the last panel of Table 7). Economic conditions are presumably important determinants of these patterns.

- The inter-provincial mobility of baccalaureate graduates has not generally been a matter of moving away for a brief time to go to school or to gain a few years of labour market experience elsewhere before returning "home," and has instead been of a more permanent nature; less than one-quarter of those who moved at some point were back in the pre-school province at the second interview.

- There is some evidence for the hypothesis that some of the outflows to university from the smaller provinces were prompted by the absence of the programme in the home province. And since education is under provincial control one would expect students in education programmes to be more likely to stay at home for university, and there is support for this in the data. But it may be that most of the moves to attend university out of province are not particularly field-related. If travel is a normal good the daughters and sons of higher-income households will be more likely to attend university out of province. While parents' income is not in the NGS data sets, education levels are, and future research should investigate the interrelationships between mobility, field of study and parents' education.

We offer these closing observations.

- In the future, the study of inter-provincial mobility of post-secondary graduates could possibly be facilitated by the "ESIS" (Enhanced Student Information System) administrative file currently being developed at Statistics Canada, if this file gathers information on where students were residing before and after their studies as well as any other information which would be germane to such an analysis.

- It is our intention to write a successor to this paper that studies the interrelationships between earnings and mobility for baccalaureate graduates.

Appendix

All the results discussed above have been produced for females and males separately. The purpose of this appendix and its associated tables is to persuade the reader that at least in our data, with our particular selection criteria, female and male migration behaviour are indistinguishable. For each table we have calculated the difference between each statistic for just females and the corresponding statistic for just males, and then calculated a bootstrapped 95 percent confidence interval for this difference. Table 1A parallels Table 1, Tables 2B and 2C parallel Tables 2 and 2A, and so on. To highlight instances in which female and male behaviour may be statistically different we have shaded each cell in which the 95 percent confidence interval does not contain zero. If female and male behaviour were identical one would expect 5 percent of the cells in each table to be shaded – with a 95 percent confidence interval the null hypothesis, if true, will be rejected *incorrectly* 5 percent of the time. Tables 1A, 2B, 2C, ... contain a surprisingly small number of shaded cells – the evidence that young female university graduates exhibit significantly different migration behaviour than their male counterparts is exceedingly weak.

Table 1A Percentage Distribution of Graduates across Provinces at Each Date: Females - Males

	1982 Cohort				1986 Cohort				1990 Cohort			
Province	*Pre*	*1982*	*1984*	*1987*	*Pre*	*1986*	*1988*	*1991*	*Pre*	*1990*	*1992*	*1995*
NFLD	0.1	0.3	0.0	0.0	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.7
Lower b.	-0.6	-0.5	-0.8	-0.7	-0.4	-0.4	-0.3	-0.1	-0.5	-0.4	-0.4	-0.2
Upper b.	0.9	1.0	0.7	0.7	1.0	1.0	1.0	1.0	1.3	1.3	1.2	1.7
PEI	0.0	0.0	-0.1	0.1	0.0	-0.1	0.1	0.0	0.1	0.1	0.2	0.2
Lower b.	-0.4	-0.3	-0.5	-0.3	-0.4	-0.4	-0.2	-0.3	-0.3	-0.2	-0.2	-0.2
Upper b.	0.4	0.3	0.3	0.4	0.4	0.2	0.5	0.3	0.4	0.4	0.5	0.5
NS	1.2	1.2	1.5	1.3	1.1	1.1	0.4	0.3	0.9	0.5	0.2	0.5
Lower b.	0.1	0.1	0.5	0.3	0.0	0.0	-0.5	-0.7	-0.2	-0.6	-0.8	-0.5
Upper b.	2.3	2.5	2.8	2.4	2.1	2.3	1.4	1.3	1.9	1.7	1.2	1.5
NB	-0.1	-0.2	0.1	-0.2	0.4	0.1	0.6	0.3	0.4	0.2	0.6	0.6
Lower b.	-1.1	-1.1	-0.8	-1.0	-0.5	-0.9	-0.1	-0.3	-0.5	-0.6	-0.3	-0.3
Upper b.	0.8	0.8	1.0	0.8	1.3	0.9	1.3	1.1	1.4	1.2	1.4	1.3
QUE	-1.3	-2.2	-1.4	0.3	-0.6	-0.7	-0.2	-0.4	0.6	1.2	1.4	1.2
Lower b.	-3.8	-4.7	-3.9	-2.2	-3.0	-3.0	-2.5	-2.9	-1.7	-1.4	-1.1	-1.3
Upper b.	1.6	0.7	1.5	3.1	2.0	1.9	2.2	1.9	3.5	3.8	3.9	3.8
ONT	0.1	0.8	-0.4	-0.8	-1.4	-1.6	-3.3	-2.4	0.2	0.2	-0.1	-0.5
Lower b.	-2.9	-2.0	-3.3	-3.5	-3.5	-4.3	-5.9	-4.9	-2.5	-2.9	-2.9	-3.4
Upper b.	2.8	3.8	2.3	2.2	1.5	0.9	-0.8	0.1	3.1	2.7	2.7	2.2
MAN	0.1	0.1	0.4	-0.1	0.1	0.6	0.9	0.8	-0.2	-0.5	-0.7	0.1
Lower b.	-1.0	-1.1	-0.7	-1.3	-0.9	-0.4	-0.1	-0.2	-1.4	-1.6	-1.7	-0.9
Upper b.	1.4	1.3	1.6	0.9	1.2	1.8	2.0	1.8	0.9	0.6	0.4	1.1
SASK	0.4	0.5	0.6	0.7	-0.1	0.0	0.3	0.1	-0.4	-0.2	-0.4	-0.1
Lower b.	-0.7	-0.6	-0.4	-0.4	-1.2	-1.1	-0.7	-0.8	-1.4	-1.3	-1.4	-1.1
Upper b.	1.6	1.8	1.7	1.8	1.0	1.0	1.2	1.0	0.9	1.0	0.6	0.8
ALTA	-0.9	-0.7	-1.4	-1.7	0.7	0.3	0.8	0.5	-0.3	-0.3	-0.1	-0.6
Lower b.	-2.5	-2.3	-3.1	-3.7	-0.7	-1.1	-0.6	-1.0	-1.7	-1.8	-1.6	-2.0
Upper b.	0.6	0.8	0.4	-0.2	2.2	1.7	2.4	2.0	1.4	1.3	1.6	1.2
BC	0.4	0.3	0.7	0.5	-0.4	-0.1	0.1	0.3	-1.8	-1.5	-1.5	-2.0
Lower b.	-1.0	-1.1	-1.0	-0.9	-1.5	-1.4	-1.2	-1.1	-3.2	-3.1	-3.2	-3.6
Upper b.	2.0	1.7	2.0	2.0	1.0	1.1	1.4	1.6	-0.2	0.0	0.1	-0.2

Note: For each province, the first row comprises the percentage distribution of graduates. The next two rows are the lower and upper bounds of a 95% bootstrapped confidence interval. Cells where the 95% confidence interval does not include 0 are shaded.

Table 2A Percentage Distribution of Province at School by Pre-School Province: 95% Confidence Intervals

Pre-School Prov.	Province at School																			
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
1982 Cohort																				
NFLD	83.1	96.3	0.0	0.0	1.1	10.7	0.0	4.2	0.0	0.0	0.0	4.2	0.0	0.0	0.0	2.6	0.0	3.5	0.0	0.0
PEI	0.0	0.0	40.0	81.3	7.7	43.8	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	0.0	1.2	0.0	0.5	92.8	98.5	0.5	4.9	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
NB	0.0	0.0	0.0	2.0	7.2	20.2	69.3	84.9	0.8	7.4	0.8	7.5	0.0	0.0	0.0	1.8	0.0	0.0	0.0	2.4
QUE	0.0	0.0	0.0	0.1	0.0	0.4	0.5	1.4	92.2	94.9	4.1	6.4	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.2
ONT	0.0	0.1	0.0	0.1	0.1	0.7	0.0	0.3	0.2	0.9	97.0	98.5	0.0	0.4	0.0	0.4	0.2	0.9	0.1	0.5
MAN	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.5	7.1	89.1	96.4	0.0	2.0	0.0	2.2	0.0	2.2
SASK	0.0	0.0	0.0	0.6	0.0	1.3	0.0	0.7	0.0	0.0	1.1	6.4	0.0	3.9	86.3	94.9	0.6	5.4	0.0	0.0
ALTA	0.0	0.5	0.0	0.3	0.0	1.5	0.0	0.8	0.5	3.0	3.5	8.3	0.0	1.7	0.5	3.3	83.3	90.2	0.5	3.3
BC	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.7	0.0	1.0	1.3	5.4	0.0	2.2	0.0	1.9	1.6	5.7	86.7	93.3
1986 Cohort																				
NFLD	83.6	95.1	0.0	0.0	2.0	11.8	0.0	3.6	0.0	2.2	0.0	3.2	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
PEI	0.0	0.0	37.5	74.2	15.8	50.0	2.8	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	0.0	0.5	0.0	0.4	87.4	94.6	1.6	6.6	0.0	0.0	1.2	5.4	0.0	0.0	0.0	0.0	0.0	2.3	0.0	1.2
NB	0.0	2.9	0.0	1.3	6.6	16.4	71.7	84.0	0.0	4.3	2.5	9.5	0.0	1.9	0.0	0.0	0.0	1.2	0.0	0.0
QUE	0.0	0.1	0.0	0.1	0.0	0.1	0.2	0.8	94.3	96.3	3.1	4.8	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.2
ONT	0.0	0.2	0.0	0.1	0.2	0.8	0.1	0.5	0.7	1.6	96.0	97.5	0.1	0.7	0.0	0.4	0.0	0.4	0.2	0.7
MAN	0.0	0.4	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	5.6	12.2	84.0	91.6	0.3	3.2	0.0	1.9	0.0	1.5
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.8	4.9	0.8	4.6	84.5	92.3	0.4	3.7	0.8	4.4
ALTA	0.0	0.0	0.0	0.2	0.2	2.0	0.0	0.4	0.4	2.7	1.4	4.5	0.2	1.9	0.4	2.4	85.6	91.4	1.7	4.9
BC	0.0	0.6	0.0	0.3	0.3	2.5	0.0	0.8	0.0	0.8	3.1	7.6	0.3	2.5	0.3	2.4	2.1	6.0	82.4	89.6
1990 Cohort																				
NFLD	90.6	93.3	0.0	1.1	3.1	13.7	0.0	5.2	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PEI	0.0	0.0	45.0	90.0	0.0	31.3	0.0	31.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	0.0	0.8	0.0	1.9	83.4	92.7	1.0	6.0	0.0	4.0	1.8	8.4	0.0	1.7	0.0	0.0	0.0	1.3	0.0	0.0
NB	0.0	0.0	0.0	2.6	6.3	18.3	73.8	88.0	0.8	7.1	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0
QUE	0.0	0.1	0.0	0.1	0.0	0.3	0.1	0.7	93.5	95.9	3.3	5.5	0.0	0.3	0.0	0.3	0.0	0.5	0.0	0.0
ONT	0.0	0.4	0.0	0.1	0.4	1.1	0.1	0.4	0.8	1.8	95.6	97.3	0.1	0.4	0.0	0.2	0.0	0.3	0.4	1.1
MAN	0.0	0.0	0.0	0.0	0.0	2.2	0.0	1.2	0.0	0.0	2.6	9.0	85.6	94.2	0.5	4.3	0.0	1.3	0.0	1.4
SASK	0.0	0.0	0.0	0.6	0.0	1.1	0.0	0.0	0.0	1.8	0.0	1.5	0.5	4.8	87.1	95.2	1.0	6.2	0.0	2.5
ALTA	0.0	0.0	0.0	0.3	0.0	1.1	0.0	0.8	0.0	0.0	2.2	6.3	0.0	1.0	0.5	2.8	88.6	94.1	0.3	2.4
BC	0.0	0.3	0.0	0.0	0.0	0.9	0.0	0.6	0.0	0.9	2.5	6.7	0.0	0.9	0.3	2.6	1.9	5.8	85.6	92.2

Table 1A Percentage Distribution of Graduates across Provinces at Each Date: Females - Males

	1982 Cohort				1986 Cohort				1990 Cohort			
Province	*Pre*	*1982*	*1984*	*1987*	*Pre*	*1986*	*1988*	*1991*	*Pre*	*1990*	*1992*	*1995*
NFLD	0.1	0.3	0.0	0.0	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.7
Lower b.	-0.6	-0.5	-0.8	-0.7	-0.4	-0.4	-0.3	-0.1	-0.5	-0.4	-0.4	-0.2
Upper b.	0.9	1.0	0.7	0.7	1.0	1.0	1.0	1.0	1.3	1.3	1.2	1.7
PEI	0.0	0.0	-0.1	0.1	0.0	-0.1	0.1	0.0	0.1	0.1	0.2	0.2
Lower b.	-0.4	-0.3	-0.5	-0.3	-0.4	-0.4	-0.2	-0.3	-0.3	-0.2	-0.2	-0.2
Upper b.	0.4	0.3	0.3	0.4	0.4	0.2	0.5	0.3	0.4	0.4	0.5	0.5
NS	1.2	1.2	1.5	1.3	1.1	1.1	0.4	0.3	0.9	0.5	0.2	0.5
Lower b.	0.1	0.1	0.5	0.3	0.0	0.0	-0.5	-0.7	-0.2	-0.6	-0.8	-0.5
Upper b.	2.3	2.5	2.8	2.4	2.1	2.3	1.4	1.3	1.9	1.7	1.2	1.5
NB	-0.1	-0.2	0.1	-0.2	0.4	0.1	0.6	0.3	0.4	0.2	0.6	0.6
Lower b.	-1.1	-1.1	-0.8	-1.0	-0.5	-0.9	-0.1	-0.3	-0.5	-0.6	-0.3	-0.3
Upper b.	0.8	0.8	1.0	0.8	1.3	0.9	1.3	1.1	1.4	1.2	1.4	1.3
QUE	-1.3	-2.2	-1.4	0.3	-0.6	-0.7	-0.2	-0.4	0.6	1.2	1.4	1.2
Lower b.	-3.8	-4.7	-3.9	-2.2	-3.0	-3.0	-2.5	-2.9	-1.7	-1.4	-1.1	-1.3
Upper b.	1.6	0.7	1.5	3.1	2.0	1.9	2.2	1.9	3.5	3.8	3.9	3.8
ONT	0.1	0.8	-0.4	-0.8	-1.4	-1.6	-3.3	-2.4	0.2	0.2	-0.1	-0.5
Lower b.	-2.9	-2.0	-3.3	-3.5	-3.5	-4.3	-5.9	-4.9	-2.5	-2.9	-2.9	-3.4
Upper b.	2.8	3.8	2.3	2.2	1.5	0.9	-0.8	0.1	3.1	2.7	2.7	2.2
MAN	0.1	0.1	0.4	-0.1	0.1	0.6	0.9	0.8	-0.2	-0.5	-0.7	0.1
Lower b.	-1.0	-1.1	-0.7	-1.3	-0.9	-0.4	-0.1	-0.2	-1.4	-1.6	-1.7	-0.9
Upper b.	1.4	1.3	1.6	0.9	1.2	1.8	2.0	1.8	0.9	0.6	0.4	1.1
SASK	0.4	0.5	0.6	0.7	-0.1	0.0	0.3	0.1	-0.4	-0.2	-0.4	-0.1
Lower b.	-0.7	-0.6	-0.4	-0.4	-1.2	-1.1	-0.7	-0.8	-1.4	-1.3	-1.4	-1.1
Upper b.	1.6	1.8	1.7	1.8	1.0	1.0	1.2	1.0	0.9	1.0	0.6	0.8
ALTA	-0.9	-0.7	-1.4	-1.7	0.7	0.3	0.8	0.5	-0.3	-0.3	-0.1	-0.6
Lower b.	-2.5	-2.3	-3.1	-3.7	-0.7	-1.1	-0.6	-1.0	-1.7	-1.8	-1.6	-2.0
Upper b.	0.6	0.8	0.4	-0.2	2.2	1.7	2.4	2.0	1.4	1.3	1.6	1.2
BC	0.4	0.3	0.7	0.5	-0.4	-0.1	0.1	0.3	-1.8	-1.5	-1.5	-2.0
Lower b.	-1.0	-1.1	-1.0	-0.9	-1.5	-1.4	-1.2	-1.1	-3.2	-3.1	-3.2	-3.6
Upper b.	2.0	1.7	2.0	2.0	1.0	1.1	1.4	1.6	-0.2	0.0	0.1	-0.2

Note: For each province, the first row comprises the percentage distribution of graduates. The next two rows are the lower and upper bounds of a 95% bootstrapped confidence interval. Cells where the 95% confidence interval does not include 0 are shaded.

Table 2A Percentage Distribution of Province at School by Pre-School Province: 95% Confidence Intervals

Pre-School Prov.	Province at School																			
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
1982 Cohort																				
NFLD	83.1	96.3	0.0	0.0	1.1	10.7	0.0	4.2	0.0	0.0	0.0	4.2	0.0	0.0	0.0	2.6	0.0	3.5	0.0	0.0
PEI	0.0	0.0	40.0	81.3	7.7	43.8	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	0.0	1.2	0.0	0.5	92.6	98.5	0.5	4.9	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
NB	0.0	0.0	0.0	2.0	7.2	20.2	69.3	84.9	0.8	7.4	0.8	7.5	0.0	0.0	0.0	1.8	0.0	0.0	0.0	2.4
QUE	0.0	0.0	0.0	0.1	0.0	0.4	0.5	1.4	92.2	94.9	4.1	6.4	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.2
ONT	0.0	0.1	0.0	0.1	0.1	0.7	0.0	0.3	0.2	0.9	97.0	98.5	0.0	0.4	0.0	0.4	0.2	0.9	0.1	0.5
MAN	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.5	7.1	89.1	96.4	0.0	2.0	0.0	2.2	0.0	2.2
SASK	0.0	0.0	0.0	0.6	0.0	1.3	0.0	0.7	0.0	0.0	1.1	6.4	0.0	3.9	86.3	94.9	0.6	5.4	0.0	0.0
ALTA	0.0	0.5	0.0	0.3	0.0	1.5	0.0	0.8	0.5	3.0	3.5	8.3	0.0	1.7	0.5	3.3	83.3	90.2	0.5	3.3
BC	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.7	0.0	1.0	1.3	5.4	0.0	2.2	0.0	1.9	1.6	5.7	86.7	93.3
1986 Cohort																				
NFLD	83.6	95.1	0.0	0.0	2.0	11.8	0.0	3.6	0.0	2.2	0.0	3.2	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
PEI	0.0	0.0	37.5	74.2	15.8	50.0	2.8	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	0.0	0.5	0.0	0.4	87.4	94.6	1.6	6.6	0.0	0.0	1.2	5.4	0.0	0.0	0.0	0.0	0.0	2.3	0.0	1.2
NB	0.0	2.9	0.0	1.3	6.6	16.4	71.7	84.0	0.0	4.3	2.5	9.5	0.0	1.9	0.0	0.0	0.0	1.2	0.0	0.0
QUE	0.0	0.1	0.0	0.1	0.0	0.1	0.2	0.8	94.3	96.3	3.1	4.8	0.0	0.2	0.0	0.1	0.0	0.1	0.0	0.2
ONT	0.0	0.2	0.0	0.1	0.2	0.8	0.1	0.5	0.7	1.6	96.0	97.5	0.1	0.7	0.0	0.4	0.0	0.4	0.2	0.7
MAN	0.0	0.4	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	5.6	12.2	84.0	91.6	0.3	3.2	0.0	1.9	0.0	1.5
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.8	4.9	0.8	4.6	84.5	92.3	0.4	3.7	0.8	4.4
ALTA	0.0	0.0	0.0	0.2	0.2	2.0	0.0	0.4	0.4	2.7	1.4	4.5	0.2	1.9	0.4	2.4	85.6	91.4	1.7	4.9
BC	0.0	0.6	0.0	0.3	0.3	2.5	0.0	0.8	0.0	0.8	3.1	7.6	0.3	2.5	0.3	2.4	2.1	6.0	82.4	89.6
1990 Cohort																				
NFLD	80.6	93.3	0.0	1.1	3.1	13.7	0.0	5.2	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PEI	0.0	0.0	45.0	90.0	0.0	31.3	0.0	31.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	0.0	0.8	0.0	1.9	83.4	92.7	1.0	6.0	0.0	4.0	1.8	8.4	0.0	1.7	0.0	0.0	0.0	1.3	0.0	0.0
NB	0.0	0.0	0.0	2.6	6.3	18.3	73.8	88.0	0.8	7.1	0.0	4.8	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0
QUE	0.0	0.1	0.0	0.1	0.0	0.3	0.1	0.7	93.5	95.9	3.3	5.5	0.0	0.3	0.0	0.3	0.0	0.5	0.0	0.0
ONT	0.0	0.4	0.0	0.1	0.4	1.1	0.1	0.4	0.8	1.8	95.6	97.3	0.1	0.4	0.0	0.2	0.0	0.3	0.4	1.1
MAN	0.0	0.0	0.0	0.0	0.0	2.2	0.0	1.2	0.0	0.0	2.6	9.0	85.6	94.2	0.5	4.3	0.0	1.3	0.0	1.4
SASK	0.0	0.0	0.0	0.6	0.0	1.1	0.0	0.0	0.0	1.8	0.0	1.5	0.5	4.8	87.1	95.2	1.0	6.2	0.0	2.5
ALTA	0.0	0.0	0.0	0.3	0.0	1.1	0.0	0.8	0.0	0.0	2.2	6.3	0.0	1.0	0.5	2.8	88.6	94.1	0.3	2.4
BC	0.0	0.3	0.0	0.0	0.0	0.9	0.0	0.6	0.0	0.9	2.5	6.7	0.0	0.9	0.3	2.6	1.9	5.8	85.6	92.2

Table 2B Percentage Distribution of Province at School by Pre-School Province: Females - Males

Pre-School Prov.	Province at School										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	9.7	0.0	-4.8	-0.3	0.0	-3.4	0.0	1.1	-2.4	0.0	0
PEI	0.0	4.3	-2.7	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	0
NS	0.0	-0.2	4.5	-1.5	0.0	-2.0	0.0	0.0	0.0	-0.9	0
NB	0.0	0.3	2.2	-0.4	-1.7	-2.7	0.0	0.9	0.0	1.5	0
QUE	0.0	0.0	-0.3	0.0	-2.0	**2.6**	0.1	0.0	-0.2	-0.2	0
ONT	0.0	0.0	0.3	0.0	-0.2	-0.1	0.1	0.0	0.1	-0.3	0
MAN	0.0	0.0	-0.7	0.0	0.0	4.1	-6.5	1.4	0.0	1.7	0
SASK	0.0	0.1	-0.8	-0.4	0.0	-0.9	0.8	-0.6	1.8	0.0	0
ALTA	0.0	0.0	0.1	0.2	**-3.2**	2.8	1.1	0.1	-0.7	-0.4	0
BC	0.0	0.0	0.0	0.1	-0.7	-0.9	0.8	-0.1	1.1	-0.3	0
1986 Cohort											
NFLD	5.2	0.0	-1.7	-3.0	1.4	-2.5	0.0	0.0	0.7	0.0	0
PEI	0.0	-13.5	27.3	-13.9	0.0	0.0	0.0	0.0	0.0	0.0	0
NS	0.2	-0.1	-4.2	1.0	0.0	2.6	0.0	0.0	-0.2	0.7	0
NB	-0.1	-0.1	6.1	1.4	-2.1	-5.5	-0.1	0.0	0.4	0.0	0
QUE	0.0	0.0	-0.1	-0.2	0.8	-0.6	0.0	0.1	-0.1	0.0	0
ONT	0.1	0.0	-0.2	-0.3	-0.1	0.7	0.0	0.3	-0.1	-0.3	0
MAN	-0.2	0.0	1.0	0.0	0.0	**-13.5**	**10.7**	0.4	0.4	1.1	0
SASK	0.0	0.0	0.0	0.0	**-3.0**	-1.7	2.7	3.1	-1.2	0.2	0
ALTA	0.0	0.1	-0.1	0.2	-0.9	**4.4**	-0.4	-0.1	-3.2	0.1	0
BC	-0.3	0.1	-0.3	-0.5	-0.6	1.3	-1.4	-1.8	0.0	3.7	0
1990 Cohort											
NFLD	4.0	-0.1	-6.9	-0.1	3.1	0.0	0.0	0.0	0.0	0.0	0
PEI	0.0	4.8	0.1	-5.0	0.0	0.0	0.0	0.0	0.0	0.0	0
NS	-0.5	0.2	-5.7	-0.9	3.3	**6.3**	-1.6	0.0	-1.1	0.0	0
NB	0.0	0.4	0.0	-1.8	-3.8	3.9	0.0	0.0	1.2	0.0	0
QUE	0.0	0.0	0.0	0.3	0.8	-1.2	-0.2	0.2	0.1	0.0	0
ONT	-0.2	0.0	-0.1	-0.3	0.4	0.9	-0.3	0.1	0.1	-0.5	0
MAN	0.0	0.0	-0.8	0.0	0.0	1.6	-0.3	-0.2	0.8	-1.0	0
SASK	0.0	0.2	0.6	0.0	1.4	-1.0	-1.5	0.1	-1.9	2.1	0
ALTA	0.0	0.0	0.2	-0.2	0.0	1.5	-0.4	0.6	-1.2	-0.6	0
BC	-0.2	0.0	0.0	0.0	0.7	**-6.5**	0.0	0.4	1.5	4.0	0

Note: Cells where the 95% confidence interval does not include 0 are shaded.

Table 2C Percentage Distribution of Province at School by Pre-School Province: 95% Confidence Intervals: Females - Males

Pre-School Prov.	Province at School																			
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
1982 Cohort																				
NFLD	**-2.9**	**25.7**	0.0	0.0	-15.5	5.6	-6.5	5.6	0.0	0.0	-9.4	0.0	0.0	0.0	0.0	4.7	-7.1	0.0	0.0	0.0
PEI	0.0	0.0	**-43.3**	**41.7**	-41.7	37.8	-30.8	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	-1.9	1.2	-1.3	0.0	**-1.6**	**10.6**	-6.2	3.5	0.0	0.0	-5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.8	0.0
NB	0.0	0.0	-2.1	4.0	-11.0	13.6	**-16.4**	**14.0**	-9.7	4.4	-9.8	4.3	0.0	0.0	0.0	3.4	0.0	0.0	0.0	5.1
QUE	0.0	0.0	-0.2	0.0	-0.7	0.0	-1.0	1.0	**-4.8**	**0.9**	0.3	5.2	0.0	0.3	0.0	0.0	-0.5	0.0	-0.5	0.0
ONT	-0.1	0.0	-0.1	0.1	-0.3	0.9	-0.4	0.4	-0.9	0.5	**-1.5**	**1.4**	-0.3	0.5	-0.4	0.4	-0.5	0.9	-0.8	0.2
MAN	0.0	0.0	0.0	0.0	-2.3	0.0	0.0	0.0	0.0	0.0	-1.6	9.5	**-14.4**	**0.1**	0.0	3.7	-2.4	3.0	0.0	4.2
SASK	0.0	0.0	0.0	1.1	-2.8	0.0	-1.8	0.0	0.0	0.0	-6.3	5.4	-3.3	4.9	**-9.9**	**8.0**	-3.4	6.6	0.0	0.0
ALTA	-0.6	0.6	-0.6	0.6	-1.7	1.8	-0.6	1.3	-5.7	-1.0	-1.7	7.5	-0.6	3.1	-2.6	3.3	**-7.8**	**6.6**	-3.4	2.4
BC	0.0	0.0	0.0	0.0	-1.5	1.4	-0.8	0.8	-2.1	0.0	-5.2	2.9	-1.6	3.1	-2.4	2.0	-2.8	5.5	**-6.7**	**6.4**
1986 Cohort																				
NFLD	**-7.3**	**17.5**	0.0	0.0	-13.1	8.5	-8.1	0.0	0.0	4.5	-6.8	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
PEI	0.0	0.0	**-51.4**	**22.9**	-4.4	61.6	-40.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	0.0	0.8	-1.0	0.0	**-10.8**	**2.6**	-3.5	6.7	0.0	0.0	-1.8	6.6	0.0	0.0	0.0	0.0	-3.4	2.2	0.0	2.2
NB	-3.1	4.2	-1.7	2.3	-3.4	16.7	**-11.5**	**15.4**	-6.5	2.6	-13.7	1.8	-2.9	2.4	0.0	0.0	0.0	2.2	0.0	0.0
QUE	-0.1	0.2	0.0	0.1	-0.2	0.0	-0.7	0.5	**-1.1**	**2.7**	-2.5	1.1	-0.2	0.2	0.0	0.2	-0.2	0.0	-0.3	0.2
ONT	-0.2	0.3	-0.1	0.0	-0.8	0.4	-0.8	0.1	-1.1	0.8	**-1.0**	**2.1**	-0.5	0.6	0.0	0.8	-0.6	0.2	-0.9	0.2
MAN	-0.9	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-20.5	-6.8	**2.3**	**18.6**	-2.8	3.4	-1.7	2.6	0.0	2.8
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.3	-0.7	-6.3	2.0	-1.6	6.1	**-4.4**	**12.3**	-4.7	2.6	-3.7	3.5
ALTA	0.0	0.0	0.0	0.5	-2.2	1.7	0.0	0.8	-3.3	1.3	1.6	7.6	-2.5	1.3	-2.3	1.8	**-8.5**	**3.1**	-3.0	3.5
BC	-1.1	0.0	0.0	0.6	-2.5	2.1	-1.5	0.0	-1.7	0.0	-3.3	5.5	-3.7	0.6	-4.4	0.1	-3.8	4.0	**-3.8**	**10.3**
1990 Cohort																				
NFLD	**-8.9**	**16.8**	-2.6	1.9	-18.4	4.5	-6.0	5.8	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PEI	0.0	0.0	**-44.4**	**50.0**	-35.7	33.8	-40.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	-2.1	0.0	-2.0	3.2	**-14.7**	**4.8**	-5.7	4.6	0.0	6.3	0.8	12.4	-4.5	0.0	0.0	0.0	-3.7	0.0	0.0	0.0
NB	0.0	0.0	-3.4	3.8	-13.1	11.7	**-16.1**	**13.9**	-11.4	3.2	0.0	8.5	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0
QUE	0.0	0.2	0.0	0.2	-0.4	0.3	-0.3	0.9	**-2.0**	**3.4**	-3.7	1.2	-0.6	0.0	0.0	0.5	-0.4	0.6	0.0	0.0
ONT	-0.6	0.2	-0.1	0.1	-0.9	0.6	-0.8	0.1	-0.6	1.3	**-0.7**	**2.6**	-0.8	0.1	0.0	0.3	-0.2	0.4	-1.3	0.2
MAN	0.0	0.0	0.0	0.0	-4.6	1.3	-2.4	1.2	0.0	0.0	-5.2	7.9	**-8.6**	**8.1**	-4.8	3.7	0.0	2.6	-2.9	0.0
SASK	0.0	0.0	0.0	1.1	0.0	2.2	0.0	0.0	0.0	3.7	-3.0	0.0	-6.9	2.3	**-8.3**	**7.8**	-7.4	4.2	0.0	4.9
ALTA	0.0	0.0	-0.6	0.5	-1.1	1.6	-1.3	0.6	0.0	0.0	-2.5	5.5	-1.8	1.0	-1.9	2.9	**-6.1**	**5.4**	-3.2	1.5
BC	-0.6	0.0	0.0	0.0	-1.1	1.3	-1.2	0.7	0.0	1.9	-10.8	-2.5	-1.2	1.2	-2.1	2.8	-2.0	5.6	**-2.4**	**9.8**

Table 2B Percentage Distribution of Province at School by Pre-School Province: Females - Males

Pre-School Prov.	Province at School										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	9.7	0.0	-4.8	-0.3	0.0	-3.4	0.0	1.1	-2.4	0.0	0
PEI	0.0	4.3	-2.7	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	0
NS	0.0	-0.2	4.5	-1.5	0.0	-2.0	0.0	0.0	0.0	-0.9	0
NB	0.0	0.3	2.2	-0.4	-1.7	-2.7	0.0	0.9	0.0	1.5	0
QUE	0.0	0.0	-0.3	0.0	-2.0	2.6	0.1	0.0	-0.2	-0.2	0
ONT	0.0	0.0	0.3	0.0	-0.2	-0.1	0.1	0.0	0.1	-0.3	0
MAN	0.0	0.0	-0.7	0.0	0.0	4.1	-6.5	1.4	0.0	1.7	0
SASK	0.0	0.1	-0.8	-0.4	0.0	-0.9	0.8	-0.6	1.8	0.0	0
ALTA	0.0	0.0	0.1	0.2	-3.2	2.8	1.1	0.1	-0.7	-0.4	0
BC	0.0	0.0	0.0	0.1	-0.7	-0.9	0.8	-0.1	1.1	-0.3	0
1986 Cohort											
NFLD	5.2	0.0	-1.7	-3.0	1.4	-2.5	0.0	0.0	0.7	0.0	0
PEI	0.0	-13.5	27.3	-13.9	0.0	0.0	0.0	0.0	0.0	0.0	0
NS	0.2	-0.1	-4.2	1.0	0.0	2.6	0.0	0.0	-0.2	0.7	0
NB	-0.1	-0.1	6.1	1.4	-2.1	-5.5	-0.1	0.0	0.4	0.0	0
QUE	0.0	0.0	-0.1	-0.2	0.8	-0.6	0.0	0.1	-0.1	0.0	0
ONT	0.1	0.0	-0.2	-0.3	-0.1	0.7	0.0	0.3	-0.1	-0.3	0
MAN	-0.2	0.0	1.0	0.0	0.0	-13.5	10.7	0.4	0.4	1.1	0
SASK	0.0	0.0	0.0	0.0	-3.0	-1.7	2.7	3.1	-1.2	0.2	0
ALTA	0.0	0.1	-0.1	0.2	-0.9	4.4	-0.4	-0.1	-3.2	0.1	0
BC	-0.3	0.1	-0.3	-0.5	-0.6	1.3	-1.4	-1.8	0.0	3.7	0
1990 Cohort											
NFLD	4.0	-0.1	-6.9	-0.1	3.1	0.0	0.0	0.0	0.0	0.0	0
PEI	0.0	4.8	0.1	-5.0	0.0	0.0	0.0	0.0	0.0	0.0	0
NS	-0.5	0.2	-5.7	-0.9	3.3	6.3	-1.6	0.0	-1.1	0.0	0
NB	0.0	0.4	0.0	-1.8	-3.8	3.9	0.0	0.0	1.2	0.0	0
QUE	0.0	0.0	0.0	0.3	0.8	-1.2	-0.2	0.2	0.1	0.0	0
ONT	-0.2	0.0	-0.1	-0.3	0.4	0.9	-0.3	0.1	0.1	-0.5	0
MAN	0.0	0.0	-0.8	0.0	0.0	1.6	-0.3	-0.2	0.8	-1.0	0
SASK	0.0	0.2	0.6	0.0	1.4	-1.0	-1.5	0.1	-1.9	2.1	0
ALTA	0.0	0.0	0.2	-0.2	0.0	1.5	-0.4	0.6	-1.2	-0.6	0
BC	-0.2	0.0	0.0	0.0	0.7	-6.5	0.0	0.4	1.5	4.0	0

Note: Cells where the 95% confidence interval does not include 0 are shaded.

Table 2C Percentage Distribution of Province at School by Pre-School Province: 95% Confidence Intervals: Females - Males

Pre-School Prov.	Province at School																			
	NFLD		*PEI*		*NS*		*NB*		*QUE*		*ONT*		*MAN*		*SASK*		*ALTA*		*BC*	
1982 Cohort																				
NFLD	-2.9	25.7	0.0	0.0	-15.5	5.6	-6.5	5.6	0.0	0.0	-9.4	0.0	0.0	0.0	0.0	4.7	-7.1	0.0	0.0	0.0
PEI	0.0	0.0	-43.3	41.7	-41.7	37.8	-30.8	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	-1.9	1.2	-1.3	0.0	-1.6	10.6	-6.2	3.5	0.0	0.0	-5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-2.8	0.0
NB	0.0	0.0	-2.1	4.0	-11.0	13.6	-16.4	14.0	-9.7	4.4	-9.8	4.3	0.0	0.0	0.0	3.4	0.0	0.0	0.0	5.1
QUE	0.0	0.0	-0.2	0.0	-0.7	0.0	-1.0	1.0	-4.8	0.9	0.3	5.2	0.0	0.3	0.0	0.0	-0.5	0.0	-0.5	0.0
ONT	-0.1	0.0	-0.1	0.1	-0.3	0.9	-0.4	0.4	-0.9	0.5	-1.5	1.4	-0.3	0.5	-0.4	0.4	-0.5	0.9	-0.8	0.2
MAN	0.0	0.0	0.0	0.0	-2.3	0.0	0.0	0.0	0.0	0.0	-1.6	9.5	-14.4	0.1	0.0	3.7	-2.4	3.0	0.0	4.2
SASK	0.0	0.0	0.0	1.1	-2.8	0.0	-1.8	0.0	0.0	0.0	-6.3	5.4	-3.3	4.9	-9.9	8.0	-3.4	6.6	0.0	0.0
ALTA	-0.6	0.6	-0.6	0.6	-1.7	1.8	-0.6	1.3	-5.7	-1.0	-1.7	7.5	-0.6	3.1	-2.6	3.3	-7.8	6.6	-3.4	2.4
BC	0.0	0.0	0.0	0.0	-1.5	1.4	-0.8	0.8	-2.1	0.0	-5.2	2.9	-1.6	3.1	-2.4	2.0	-2.8	5.5	-6.7	6.4
1986 Cohort																				
NFLD	-7.3	17.5	0.0	0.0	-13.1	8.5	-8.1	0.0	0.0	4.5	-6.8	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
PEI	0.0	0.0	-51.4	22.9	-4.4	61.6	-40.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	0.0	0.8	-1.0	0.0	-10.8	2.6	-3.5	6.7	0.0	0.0	-1.8	6.6	0.0	0.0	0.0	0.0	-3.4	2.2	0.0	2.2
NB	-3.1	4.2	-1.7	2.3	-3.4	16.7	-11.5	15.4	-6.5	2.6	-13.7	1.8	-2.9	2.4	0.0	0.0	0.0	2.2	0.0	0.0
QUE	-0.1	0.2	0.0	0.1	-0.2	0.0	-0.7	0.5	-1.1	2.7	-2.5	1.1	-0.2	0.2	0.0	0.2	-0.2	0.0	-0.3	0.2
ONT	-0.2	0.3	-0.1	0.0	-0.8	0.4	-0.8	0.1	-1.1	0.8	-1.0	2.1	-0.5	0.6	0.0	0.8	-0.6	0.2	-0.9	0.2
MAN	-0.9	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-20.5	-6.8	2.3	18.6	-2.8	3.4	-1.7	2.6	0.0	2.8
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.3	-0.7	-6.3	2.0	-1.6	6.1	-4.4	12.3	-4.7	2.6	-3.7	3.5
ALTA	0.0	0.0	0.0	0.5	-2.2	1.7	0.0	0.8	-3.3	1.3	1.6	7.6	-2.5	1.3	-2.3	1.8	-8.5	3.1	-3.0	3.5
BC	-1.1	0.0	0.0	0.6	-2.5	2.1	-1.5	0.0	-1.7	0.0	-3.3	5.5	-3.7	0.6	-4.4	0.1	-3.8	4.0	-3.8	10.3
1990 Cohort																				
NFLD	-8.9	16.8	-2.6	1.9	-18.4	4.5	-6.0	5.8	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PEI	0.0	0.0	-44.4	50.0	-35.7	33.8	-40.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NS	-2.1	0.0	-2.0	3.2	-14.7	4.8	-5.7	4.6	0.0	6.3	0.8	12.4	-4.5	0.0	0.0	0.0	-3.7	0.0	0.0	0.0
NB	0.0	0.0	-3.4	3.8	-13.1	11.7	-16.1	13.9	-11.4	3.2	0.0	8.5	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0
QUE	0.0	0.2	0.0	0.2	-0.4	0.3	-0.3	0.9	-2.0	3.4	-3.7	1.2	-0.6	0.0	0.0	0.5	-0.4	0.6	0.0	0.0
ONT	-0.6	0.2	-0.1	0.1	-0.9	0.6	-0.8	0.1	-0.6	1.3	-0.7	2.6	-0.8	0.1	0.0	0.3	-0.2	0.4	-1.3	0.2
MAN	0.0	0.0	0.0	0.0	-4.6	1.3	-2.4	1.2	0.0	0.0	-5.2	7.9	-8.6	8.1	-4.8	3.7	0.0	2.6	-2.9	0.0
SASK	0.0	0.0	0.0	1.1	0.0	2.2	0.0	0.0	0.0	3.7	-3.0	0.0	-6.9	2.3	-8.3	7.8	-7.4	4.2	0.0	4.9
ALTA	0.0	0.0	-0.6	0.5	-1.1	1.6	-1.3	0.6	0.0	0.0	-2.5	5.5	-1.8	1.0	-1.9	2.9	-6.1	5.4	-3.2	1.5
BC	-0.6	0.0	0.0	0.0	-1.1	1.3	-1.2	0.7	0.0	1.9	-10.8	-2.5	-1.2	1.2	-2.1	2.8	-2.0	5.6	-2.4	9.8

Table 3A Percentage Distribution of Pre-School Province by Province at School: 95% Confidence Intervals

Prov. at School	Pre-School Province																			
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
1982 Cohort																				
NFLD	94.8	100	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
PEI	0.0	0.0	72.7	100	0.0	6.7	0.0	15.4	0.0	9.1	0.0	9.1	0.0	0.0	0.0	7.1	0.0	9.1	0.0	0.0
NS	0.4	3.9	0.9	4.9	77.4	88.0	3.6	10.5	0.0	2.0	0.9	5.3	0.0	1.0	0.0	1.0	0.0	2.5	0.0	1.6
NB	0.0	2.9	0.0	4.7	0.8	7.9	69.8	85.4	4.7	15.8	0.0	5.1	0.0	0.0	0.0	1.1	0.0	2.6	0.0	1.7
QUE	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	97.5	99.0	0.3	1.3	0.0	0.0	0.0	0.0	0.2	0.9	0.0	0.3
ONT	0.0	0.2	0.0	0.0	0.0	0.2	0.1	0.5	2.8	4.6	92.1	94.4	0.2	0.8	0.1	0.6	0.7	1.7	0.3	0.9
MAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.4	89.0	96.2	0.0	3.6	0.0	3.4	0.0	3.5
SASK	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	3.9	0.0	1.9	86.0	94.8	1.6	7.9	0.0	3.2
ALTA	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.8	4.1	0.0	1.2	0.3	2.7	89.3	94.9	1.2	5.0
BC	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	1.1	0.3	3.2	0.0	1.4	0.0	0.0	0.7	4.2	91.8	97.1
1986 Cohort																				
NFLD	89.0	98.8	0.0	0.0	0.0	1.3	0.0	5.1	0.0	2.4	0.0	4.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	2.3
PEI	0.0	0.0	78.9	100	0.0	5.9	0.0	11.1	0.0	5.9	0.0	7.1	0.0	0.0	0.0	0.0	0.0	8.3	0.0	6.3
NS	1.0	4.5	1.4	5.8	74.6	84.2	3.7	9.5	0.0	0.8	1.4	5.8	0.0	1.2	0.0	0.0	0.3	3.5	0.3	3.5
NB	0.0	2.2	0.0	4.7	2.8	10.6	74.8	86.9	1.9	8.4	0.6	6.6	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.9
QUE	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	96.9	98.4	0.8	1.9	0.0	0.0	0.0	0.4	0.2	0.8	0.0	0.2
ONT	0.0	0.1	0.0	0.0	0.1	0.6	0.2	0.7	2.4	3.9	91.9	94.2	0.6	1.5	0.1	0.6	0.3	1.0	0.5	1.3
MAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.2	1.2	5.4	85.6	93.3	0.7	4.5	0.4	3.6	0.4	3.4
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.4	3.6	0.4	3.5	87.7	94.9	0.8	4.8	0.4	3.6
ALTA	0.0	0.4	0.0	0.0	0.0	1.3	0.0	0.5	0.0	0.5	0.2	2.0	0.0	1.1	0.2	2.0	90.7	95.2	1.8	5.2
BC	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	1.2	0.8	4.0	0.0	1.1	0.3	2.7	2.5	6.6	87.3	93.4
1990 Cohort																				
NFLD	91.5	99.2	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.2	0.9	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
PEI	0.0	8.3	53.8	94.7	0.0	22.2	0.0	18.2	0.0	7.1	0.0	11.1	0.0	0.0	0.0	7.1	0.0	9.1	0.0	0.0
NS	1.6	7.2	0.0	3.1	71.4	83.6	3.4	10.7	0.0	1.6	3.2	9.9	0.0	2.1	0.0	1.0	0.0	2.1	0.0	1.6
NB	0.0	4.7	0.0	5.0	0.8	7.9	73.8	88.3	0.7	7.1	0.8	7.7	0.0	2.0	0.0	0.0	0.0	2.6	0.0	2.0
QUE	0.0	0.4	0.0	0.0	0.0	0.6	0.1	0.7	95.9	97.8	1.4	2.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3
ONT	0.0	0.0	0.0	0.0	0.2	0.8	0.0	0.3	2.0	3.4	93.3	95.3	0.3	0.9	0.0	0.2	0.4	1.2	0.5	1.3
MAN	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	1.7	0.5	4.5	88.6	96.3	0.5	4.4	0.0	2.1	0.0	1.7
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.6	0.5	4.6	86.4	94.2	1.1	6.1	0.5	4.8
ALTA	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	1.5	0.0	1.5	0.0	0.8	0.5	3.0	90.1	95.1	1.8	5.5
BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.1	0.0	0.9	0.0	1.3	0.3	2.7	91.3	96.4

Table 3B Percentage Distribution of Pre-School Province by Province at School: Females - Males

Prov. at School	Pre-School Province										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	0.8	0.0	0.1	0.0	0.0	-0.8	0.0	0.0	-0.1	0.0	0
PEI	0.0	2.9	-1.8	1.6	-4.0	-0.1	0.0	1.7	-0.3	0.0	0
NS	-2.1	-0.9	6.0	-0.9	-2.0	1.7	-0.7	-0.7	-0.3	-0.2	0
NB	-0.1	-0.2	-1.0	0.7	0.1	0.0	0.0	-0.5	0.7	0.2	0
QUE	0.0	0.0	0.0	-0.1	1.5	-0.2	0.0	0.0	-1.0	-0.2	0
ONT	-0.1	0.0	-0.2	-0.2	1.7	-1.8	0.4	-0.1	0.4	-0.1	0
MAN	0.0	0.0	0.0	0.0	0.7	1.1	-5.7	0.9	1.9	1.3	0
SASK	0.5	0.0	0.0	0.5	0.0	0.2	1.5	-1.7	-0.7	-0.2	0
ALTA	-0.5	0.0	0.0	0.0	-0.6	0.8	0.0	1.2	-2.3	1.4	0
BC	0.0	0.0	-0.5	0.6	-0.8	-1.7	1.1	0.0	-0.9	2.2	0
1986 Cohort											
NFLD	1.0	0.0	0.6	-0.3	-0.2	1.0	-0.7	0.0	0.0	-1.4	0
PEI	0.0	-3.8	-1.5	0.7	2.0	-3.0	0.0	0.0	3.8	1.9	0
NS	-0.9	2.1	-0.5	3.0	-0.6	-2.4	0.9	0.0	-0.5	-1.0	0
NB	-1.8	-2.8	2.9	8.9	-2.0	-4.5	0.0	0.0	0.6	-1.3	0
QUE	0.1	0.0	0.0	-0.2	1.0	-0.2	0.0	-0.4	-0.2	-0.1	0
ONT	-0.1	0.0	0.4	-0.3	-0.4	1.0	-1.6	-0.2	1.0	0.2	0
MAN	0.0	0.0	0.0	-0.1	-0.1	-0.6	1.8	2.2	-0.7	-2.4	0
SASK	0.0	0.0	0.0	0.0	0.6	2.4	0.5	-0.5	-0.1	-2.9	0
ALTA	0.2	0.0	0.0	0.2	-0.3	-0.7	0.2	-0.8	1.5	-0.3	0
BC	0.0	0.0	0.5	0.0	0.0	-1.8	0.9	0.1	0.5	-0.2	0
1990 Cohort											
NFLD	5.9	0.0	-0.8	0.0	0.6	-4.8	0.0	0.0	0.0	-0.8	0
PEI	-0.8	-6.7	2.2	2.6	1.4	0.6	0.0	1.6	-0.8	0.0	0
NS	-3.4	0.0	5.7	0.4	-0.2	-2.1	-1.0	0.5	0.3	-0.2	0
NB	0.1	-0.6	-0.6	5.1	2.8	-5.5	-0.2	0.0	-0.8	-0.2	0
QUE	0.3	0.0	0.5	-0.3	-1.5	0.6	0.0	0.2	0.0	0.2	0
ONT	0.0	0.0	0.7	0.3	-0.7	0.9	0.1	-0.1	0.3	-1.4	0
MAN	0.0	0.0	-1.2	0.0	-1.2	-2.4	7.0	-1.4	-0.7	-0.1	0
SASK	0.0	0.0	0.0	0.0	1.2	1.1	-0.2	-3.7	1.4	0.3	0
ALTA	0.0	0.0	-0.4	0.4	0.4	0.4	0.4	-1.0	-1.0	0.8	0
BC	0.0	0.0	0.0	0.0	0.0	-1.9	-0.5	1.2	-0.4	1.7	0

Note: Cells where the 95% confidence interval does not include 0 are shaded.

Table 3A Percentage Distribution of Pre-School Province by Province at School: 95% Confidence Intervals

Prov. at School	Pre-School Province																			
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
1982 Cohort																				
NFLD	94.8	100	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
PEI	0.0	0.0	72.7	100	0.0	6.7	0.0	15.4	0.0	9.1	0.0	9.1	0.0	0.0	0.0	7.1	0.0	9.1	0.0	0.0
NS	0.4	3.9	0.9	4.9	77.4	88.0	3.6	10.5	0.0	2.0	0.9	5.3	0.0	1.0	0.0	1.0	0.0	2.5	0.0	1.6
NB	0.0	2.9	0.0	4.7	0.8	7.9	69.8	85.4	4.7	15.8	0.0	5.1	0.0	0.0	0.0	1.1	0.0	2.6	0.0	1.7
QUE	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	97.5	99.0	0.3	1.3	0.0	0.0	0.0	0.0	0.2	0.9	0.0	0.3
ONT	0.0	0.2	0.0	0.0	0.0	0.2	0.1	0.5	2.8	4.6	92.1	94.4	0.2	0.8	0.1	0.6	0.7	1.7	0.3	0.9
MAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.4	89.0	96.2	0.0	3.6	0.0	3.4	0.0	3.5
SASK	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	3.9	0.0	1.9	86.0	94.8	1.6	7.9	0.0	3.2
ALTA	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.8	4.1	0.0	1.2	0.3	2.7	89.3	94.9	1.2	5.0
BC	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	1.1	0.3	3.2	0.0	1.4	0.0	0.0	0.7	4.2	91.8	97.1
1986 Cohort																				
NFLD	89.0	98.8	0.0	0.0	0.0	1.3	0.0	5.1	0.0	2.4	0.0	4.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	2.3
PEI	0.0	0.0	78.9	100	0.0	5.9	0.0	11.1	0.0	5.9	0.0	7.1	0.0	0.0	0.0	0.0	0.0	8.3	0.0	6.3
NS	1.0	4.5	1.4	5.8	74.6	84.2	3.7	9.5	0.0	0.8	1.4	5.8	0.0	1.2	0.0	0.0	0.3	3.5	0.3	3.5
NB	0.0	2.2	0.0	4.7	2.8	10.6	74.6	86.9	1.9	8.4	0.6	6.6	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.9
QUE	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	96.9	98.4	0.8	1.9	0.0	0.0	0.0	0.4	0.2	0.8	0.0	0.2
ONT	0.0	0.1	0.0	0.0	0.1	0.6	0.2	0.7	2.4	3.9	91.9	94.2	0.6	1.5	0.1	0.6	0.3	1.0	0.5	1.3
MAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.2	1.2	5.4	85.6	93.3	0.7	4.5	0.4	3.6	0.4	3.4
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.4	3.6	0.4	3.5	87.7	94.9	0.8	4.8	0.4	3.6
ALTA	0.0	0.4	0.0	0.0	0.0	1.3	0.0	0.5	0.0	0.5	0.2	2.0	0.0	1.1	0.2	2.0	90.7	95.2	1.8	5.2
BC	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	1.2	0.8	4.0	0.0	1.1	0.3	2.7	2.5	6.6	87.3	93.4
1990 Cohort																				
NFLD	91.5	99.2	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.2	0.9	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
PEI	0.0	8.3	53.8	94.7	0.0	22.2	0.0	18.2	0.0	7.1	0.0	11.1	0.0	0.0	0.0	7.1	0.0	9.1	0.0	0.0
NS	1.6	7.2	0.0	3.1	71.4	83.6	3.4	10.7	0.0	1.6	3.2	9.9	0.0	2.1	0.0	1.0	0.0	2.1	0.0	1.6
NB	0.0	4.7	0.0	5.0	0.8	7.9	73.8	88.3	0.7	7.1	0.8	7.7	0.0	2.0	0.0	0.0	0.0	2.6	0.0	2.0
QUE	0.0	0.4	0.0	0.0	0.0	0.6	0.1	0.7	95.9	97.8	1.4	2.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3
ONT	0.0	0.0	0.0	0.0	0.2	0.8	0.0	0.3	2.0	3.4	93.3	95.3	0.3	0.9	0.0	0.2	0.4	1.2	0.5	1.3
MAN	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	1.7	0.5	4.5	88.6	96.3	0.5	4.4	0.0	2.1	0.0	1.7
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.6	0.5	4.6	86.4	94.2	1.1	6.1	0.5	4.8
ALTA	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.6	0.0	1.5	0.0	1.5	0.0	0.8	0.5	3.0	90.1	95.1	1.8	5.5
BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.1	0.0	0.9	0.0	1.3	0.3	2.7	91.3	96.4

Table 3B Percentage Distribution of Pre-School Province by Province at School: Females - Males

Prov. at School	Pre-School Province										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	0.8	0.0	0.1	0.0	0.0	-0.8	0.0	0.0	-0.1	0.0	0
PEI	0.0	2.9	-1.8	1.6	-4.0	-0.1	0.0	1.7	-0.3	0.0	0
NS	-2.1	-0.9	6.0	-0.9	-2.0	1.7	-0.7	-0.7	-0.3	-0.2	0
NB	-0.1	-0.2	-1.0	0.7	0.1	0.0	0.0	-0.5	0.7	0.2	0
QUE	0.0	0.0	0.0	-0.1	1.5	-0.2	0.0	0.0	-1.0	-0.2	0
ONT	-0.1	0.0	-0.2	-0.2	1.7	-1.8	0.4	-0.1	0.4	-0.1	0
MAN	0.0	0.0	0.0	0.0	0.7	1.1	-5.7	0.9	1.9	1.3	0
SASK	0.5	0.0	0.0	0.5	0.0	0.2	1.5	-1.7	-0.7	-0.2	0
ALTA	-0.5	0.0	0.0	0.0	-0.6	0.8	0.0	1.2	-2.3	1.4	0
BC	0.0	0.0	-0.5	0.6	-0.8	-1.7	1.1	0.0	-0.9	2.2	0
1986 Cohort											
NFLD	1.0	0.0	0.6	-0.3	-0.2	1.0	-0.7	0.0	0.0	-1.4	0
PEI	0.0	-3.8	-1.5	0.7	2.0	-3.0	0.0	0.0	3.8	1.9	0
NS	-0.9	2.1	-0.5	3.0	-0.6	-2.4	0.9	0.0	-0.5	-1.0	0
NB	-1.8	-2.8	2.9	8.9	-2.0	-4.5	0.0	0.0	0.6	-1.3	0
QUE	0.1	0.0	0.0	-0.2	1.0	-0.2	0.0	-0.4	-0.2	-0.1	0
ONT	-0.1	0.0	0.4	-0.3	-0.4	1.0	-1.6	-0.2	1.0	0.2	0
MAN	0.0	0.0	0.0	-0.1	-0.1	-0.6	1.8	2.2	-0.7	-2.4	0
SASK	0.0	0.0	0.0	0.0	0.6	2.4	0.5	-0.5	-0.1	-2.9	0
ALTA	0.2	0.0	0.0	0.2	-0.3	-0.7	0.2	-0.8	1.5	-0.3	0
BC	0.0	0.0	0.5	0.0	0.0	-1.8	0.9	0.1	0.5	-0.2	0
1990 Cohort											
NFLD	5.9	0.0	-0.8	0.0	0.6	-4.8	0.0	0.0	0.0	-0.8	0
PEI	-0.8	-6.7	2.2	2.6	1.4	0.6	0.0	1.6	-0.8	0.0	0
NS	-3.4	0.0	5.7	0.4	-0.2	-2.1	-1.0	0.5	0.3	-0.2	0
NB	0.1	-0.6	-0.6	5.1	2.8	-5.5	-0.2	0.0	-0.8	-0.2	0
QUE	0.3	0.0	0.5	-0.3	-1.5	0.6	0.0	0.2	0.0	0.2	0
ONT	0.0	0.0	0.7	0.3	-0.7	0.9	0.1	-0.1	0.3	-1.4	0
MAN	0.0	0.0	-1.2	0.0	-1.2	-2.4	7.0	-1.4	-0.7	-0.1	0
SASK	0.0	0.0	0.0	0.0	1.2	1.1	-0.2	-3.7	1.4	0.3	0
ALTA	0.0	0.0	-0.4	0.4	0.4	0.4	0.4	-1.0	-1.0	0.8	0
BC	0.0	0.0	0.0	0.0	0.0	-1.9	-0.5	1.2	-0.4	1.7	0

Note: Cells where the 95% confidence interval does not include 0 are shaded.

Table 3C Percentage Distribution of Pre-School Province by Province at School: 95% Confidence Intervals: Females - Males

Prov. at School	Pre-School Province																			
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
1982 Cohort																				
NFLD	-6.3	7.0	0.0	0.0	-4.2	4.9	0.0	0.0	0.0	0.0	-4.3	0.0	0.0	0.0	0.0	0.0	-4.3	3.6	0.0	0.0
PEI	0.0	0.0	-33.3	38.9	-14.3	0.0	-22.2	25.7	-20.0	0.0	-16.7	16.7	0.0	0.0	0.0	14.3	-20.0	14.3	0.0	0.0
NS	-6.1	1.8	-5.5	3.5	-3.5	17.2	-7.6	6.2	-4.7	0.0	-2.9	5.9	-2.3	0.0	-2.4	0.0	-3.2	2.6	-2.4	1.8
NB	-4.0	4.1	-5.6	5.6	-7.4	7.1	-14.1	15.6	-11.6	11.1	-5.4	5.8	0.0	0.0	-2.2	0.0	-2.3	4.9	-2.2	2.3
QUE	0.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.4	0.0	2.8	-1.2	0.9	0.0	0.0	0.0	0.0	-1.8	-0.3	-0.5	0.0
ONT	-0.4	0.0	0.0	0.0	-0.5	0.0	-0.7	0.2	0.0	3.5	-4.2	0.3	-0.1	1.0	-0.6	0.5	-0.6	1.5	-0.8	0.6
MAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	-3.0	5.1	-13.1	1.9	-3.2	4.5	-1.4	6.0	-2.4	5.2
SASK	0.0	2.2	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	-3.5	4.7	0.0	3.7	-11.0	7.3	-6.6	5.6	-3.6	3.7
ALTA	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.8	0.0	-2.1	4.3	-1.3	1.6	-1.4	4.0	-7.6	3.7	-2.5	5.0
BC	0.0	0.0	0.0	0.0	-1.6	0.0	0.0	1.8	-2.3	0.0	-4.9	1.1	0.0	2.8	0.0	0.0	-4.7	2.5	-2.9	8.3
1986 Cohort																				
NFLD	-6.6	11.1	0.0	0.0	0.0	2.4	-5.9	5.9	-3.4	3.4	-4.8	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	-5.6	0.0
PEI	0.0	0.0	-33.3	23.1	-12.5	0.0	-16.7	20.0	0.0	14.3	-15.4	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	14.3
NS	-5.0	2.9	-1.8	6.6	-9.4	9.3	-2.7	9.1	-1.9	0.0	-7.1	2.0	0.0	2.6	0.0	0.0	-4.3	2.6	-4.5	2.4
NB	-4.7	0.0	-8.2	1.9	-4.6	11.1	-3.6	21.8	-9.5	4.4	-11.2	1.3	0.0	0.0	0.0	0.0	0.0	2.4	-3.8	0.0
QUE	0.0	0.2	0.0	0.0	0.0	0.0	-0.6	0.2	-0.4	2.5	-1.2	1.0	0.0	0.0	-1.0	-0.1	-0.8	0.4	-0.4	0.0
ONT	-0.3	0.0	0.0	0.0	-0.1	0.9	-0.9	0.2	-1.9	1.2	-1.1	3.3	-2.5	-0.8	-0.7	0.2	0.4	1.7	-0.7	1.0
MAN	0.0	0.0	0.0	0.0	0.0	0.0	-1.8	1.6	-1.7	1.6	-5.2	3.6	-6.0	8.9	-1.8	5.7	-4.4	2.5	-6.0	1.0
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	-0.3	6.1	-3.0	3.7	-7.5	6.4	-3.9	4.1	-6.5	0.9
ALTA	0.0	0.5	0.0	0.0	-1.1	1.7	0.0	0.8	-1.0	0.0	-3.0	0.9	-1.1	1.5	-2.5	1.4	-3.6	6.1	-3.5	3.3
BC	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	-1.5	1.4	-4.8	1.1	0.0	2.2	-2.6	2.5	-4.0	4.8	-6.0	5.7
1990 Cohort																				
NFLD	-3.6	15.4	0.0	0.0	-3.8	0.0	0.0	0.0	0.0	2.3	-12.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	-3.1	0.0
PEI	-20.0	12.5	-50.0	37.5	-33.3	28.6	-25.0	27.3	0.0	10.0	-16.7	18.2	0.0	0.0	0.0	11.1	-20.0	13.3	0.0	0.0
NS	-9.4	2.6	-2.9	3.7	-6.5	16.2	-6.7	7.4	-2.5	1.8	-9.0	4.9	-4.6	1.0	0.0	1.8	-2.4	2.8	-2.6	1.9
NB	-5.1	5.6	-6.7	5.7	-8.2	7.6	-7.8	20.8	-4.4	9.4	-12.8	1.3	-2.7	3.2	0.0	0.0	-4.9	2.0	-2.8	3.6
QUE	0.0	0.7	0.0	0.0	0.0	1.0	-1.0	0.3	-3.4	0.5	-1.0	2.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5
ONT	0.0	0.0	0.0	0.0	0.2	1.3	0.0	0.5	-2.2	0.5	-1.0	3.1	-0.5	0.8	-0.2	0.0	-0.6	1.0	-2.4	-0.5
MAN	0.0	0.0	0.0	0.0	-3.3	0.0	0.0	0.0	-3.3	0.0	-7.0	1.3	-0.2	14.2	-6.0	2.5	-3.8	1.6	-2.3	2.3
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	3.2	-5.0	4.5	-12.4	3.9	-3.8	6.5	-4.5	4.5
ALTA	0.0	0.0	0.0	0.0	-1.3	0.0	0.0	1.3	-1.3	2.0	-1.3	1.7	0.0	1.4	-3.4	1.9	-5.9	4.2	-2.9	4.4
BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.3	1.9	-1.5	0.0	0.0	2.8	-3.1	2.3	-3.5	7.1

Table 4A Percentage of Movers and Entrants to School with 95% Confidence Intervals: Females - Males

Outflows By Pre-School Province

Pre-School Province	1982 Cohort %	1982 Cohort Lower	1982 Cohort Upper	1986 Cohort %	1986 Cohort Lower	1986 Cohort Upper	1990 Cohort %	1990 Cohort Lower	1990 Cohort Upper
NFLD	-9.7	-23.9	4.0	-5.2	-17.8	7.6	-4.0	-16.9	8.7
PEI	-4.3	-48.5	40.0	13.5	-27.4	48.5	-4.8	-50.0	40.0
NS	-4.5	-11.0	1.6	4.2	-3.4	10.6	5.7	-3.7	15.8
NB	0.4	-14.8	15.9	-1.4	-15.5	10.0	1.8	-11.0	18.2
QUE	2.0	-0.7	4.7	-0.8	-2.7	1.4	-0.8	-3.2	1.7
ONT	0.1	-1.2	1.5	-0.7	-2.3	0.9	-0.9	-2.6	0.8
MAN	6.5	0.1	14.4	-10.7	-18.2	-2.7	0.3	-8.3	8.9
SASK	0.6	-8.6	9.1	-3.1	-11.1	4.8	-0.1	-8.4	7.7
ALTA	0.7	-6.6	7.6	3.2	-3.2	9.0	1.2	-4.6	6.6
BC	0.3	-6.6	6.4	-3.7	-10.0	3.5	-4.0	-10.5	2.5
CANADA	0.6	-0.8	2.0	-0.9	-2.2	0.5	-0.6	-2.0	0.8

Inflows By Province at School

Province at School	1982 Cohort %	1982 Cohort Lower	1982 Cohort Upper	1986 Cohort %	1986 Cohort Lower	1986 Cohort Upper	1990 Cohort %	1990 Cohort Lower	1990 Cohort Upper
NFLD	-0.8	-8.0	5.7	-1.0	-11.1	9.0	-5.9	-14.6	3.9
PEI	-2.9	-40.0	33.3	3.8	-30.0	30.0	6.7	-40.0	50.0
NS	-6.0	-15.7	4.1	0.5	-8.4	11.7	-5.7	-17.0	5.8
NB	-0.7	-14.3	15.9	-8.9	-22.7	2.4	-5.1	-21.7	7.8
QUE	-1.5	-2.9	0.0	-1.0	-2.6	0.3	1.5	-0.5	3.3
ONT	1.8	-0.6	4.2	-1.0	-3.0	1.1	-0.9	-3.0	1.1
MAN	5.7	-1.3	13.4	-1.8	-8.9	6.0	-7.0	-14.6	0.5
SASK	1.7	-6.9	9.7	0.5	-7.2	7.4	3.7	-6.2	11.3
ALTA	2.3	-3.4	8.0	-1.5	-6.1	3.2	1.0	-4.1	5.9
BC	-2.2	-7.6	3.7	0.2	-6.4	5.8	-1.7	-6.9	3.3
CANADA	0.6	-0.8	2.0	-0.9	-2.2	0.5	-0.6	-2.0	0.8

Net Inflows By Pre-School Province

Pre-School Province	1982 Cohort %	1982 Cohort Lower	1982 Cohort Upper	1986 Cohort %	1986 Cohort Lower	1986 Cohort Upper	1990 Cohort %	1990 Cohort Lower	1990 Cohort Upper
NFLD	-0.4	-7.1	6.9	0.3	-10.4	12.0	-4.5	-14.7	5.5
PEI	-1.6	-33.3	27.3	1.2	-16.7	23.1	17.8	-33.3	100.0
NS	-1.6	-16.5	13.5	7.9	-7.4	22.6	1.6	-17.2	20.0
NB	-1.6	-17.9	16.1	-7.8	-25.0	6.0	0.2	-19.6	21.1
QUE	-1.5	-2.7	0.0	-1.0	-2.5	0.4	2.4	0.2	4.5
ONT	2.3	-0.3	5.1	-1.1	-3.2	1.4	0.2	-2.0	2.6
MAN	6.2	-1.3	14.8	-0.1	-8.7	7.3	-6.9	-15.1	1.4
SASK	3.3	-5.9	13.0	0.9	-6.5	8.5	5.3	-4.7	15.0
ALTA	1.6	-3.5	7.4	-1.0	-5.8	4.1	2.2	-4.0	7.0
BC	-1.8	-7.2	4.4	0.4	-5.3	7.0	-1.7	-6.5	3.3

Note: Cells where the 95% confidence interval does not include 0 are shaded.

Table 3C Percentage Distribution of Pre-School Province by Province at School: 95% Confidence Intervals: Females - Males

Prov. at School	Pre-School Province																			
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
1982 Cohort																				
NFLD	**-8.3**	7.0	0.0	0.0	-4.2	4.9	0.0	0.0	0.0	0.0	-4.3	0.0	0.0	0.0	0.0	0.0	-4.3	3.6	0.0	0.0
PEI	0.0	0.0	**-33.3**	**38.9**	-14.3	0.0	-22.2	25.7	-20.0	0.0	-16.7	16.7	0.0	0.0	0.0	14.3	-20.0	14.3	0.0	0.0
NS	-6.1	1.8	-5.5	3.5	**-3.5**	**17.2**	-7.6	6.2	-4.7	0.0	-2.9	5.9	-2.3	0.0	-2.4	0.0	-3.2	2.6	-2.4	1.8
NB	-4.0	4.1	-5.6	5.6	-7.4	7.1	**-14.1**	**15.6**	-11.6	11.1	-5.4	5.8	0.0	0.0	-2.2	0.0	-2.3	4.9	-2.2	2.3
QUE	0.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.4	**0.0**	**2.8**	-1.2	0.9	0.0	0.0	0.0	0.0	-1.8	-0.3	-0.5	0.0
ONT	-0.4	0.0	0.0	0.0	-0.5	0.0	-0.7	0.2	0.0	3.5	**-4.2**	**0.3**	-0.1	1.0	-0.6	0.5	-0.6	1.5	-0.8	0.6
MAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	-3.0	5.1	**-13.1**	**1.9**	-3.2	4.5	-1.4	6.0	-2.4	5.2
SASK	0.0	2.2	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	-3.5	4.7	0.0	3.7	**-11.0**	**7.3**	-6.6	5.6	-3.6	3.7
ALTA	-1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.8	0.0	-2.1	4.3	-1.3	1.6	-1.4	4.0	**-7.6**	**3.7**	-2.5	5.0
BC	0.0	0.0	0.0	0.0	-1.6	0.0	0.0	1.8	-2.3	0.0	-4.9	1.1	0.0	2.8	0.0	0.0	-4.7	2.5	**-2.9**	**8.3**
1986 Cohort																				
NFLD	**-8.6**	11.1	0.0	0.0	0.0	2.4	-5.9	5.9	-3.4	3.4	-4.8	6.9	-3.0	0.0	0.0	0.0	0.0	0.0	-5.6	0.0
PEI	0.0	0.0	**-33.3**	**23.1**	-12.5	0.0	-16.7	20.0	0.0	14.3	-15.4	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	14.3
NS	-5.0	2.9	-1.8	6.6	**-9.4**	**9.3**	-2.7	9.1	-1.9	0.0	-7.1	2.0	0.0	2.6	0.0	0.0	-4.3	2.6	-4.5	2.4
NB	-4.7	0.0	-8.2	1.9	-4.6	11.1	**-3.6**	**21.8**	-9.5	4.4	-11.2	1.3	0.0	0.0	0.0	0.0	0.0	2.4	-3.8	0.0
QUE	0.0	0.2	0.0	0.0	0.0	0.0	-0.6	0.2	**-0.4**	**2.5**	-1.2	1.0	0.0	0.0	-1.0	-0.1	-0.8	0.4	-0.4	0.0
ONT	-0.3	0.0	0.0	0.0	-0.1	0.9	-0.9	0.2	-1.9	1.2	**-1.1**	**3.3**	-2.5	-0.8	-0.7	0.2	0.4	1.7	-0.7	1.0
MAN	0.0	0.0	0.0	0.0	0.0	0.0	-1.8	1.6	-1.7	1.6	-5.2	3.6	**-6.0**	**8.9**	-1.8	5.7	-4.4	2.5	-6.0	1.0
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	-0.3	6.1	-3.0	3.7	**-7.8**	**6.4**	-3.9	4.1	-6.5	0.9
ALTA	0.0	0.5	0.0	0.0	-1.1	1.7	0.0	0.8	-1.0	0.0	-3.0	0.9	-1.1	1.5	-2.5	1.4	**-3.8**	**6.1**	-3.5	3.3
BC	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	-1.5	1.4	-4.8	1.1	0.0	2.2	-2.6	2.5	-4.0	4.8	**-6.0**	**5.7**
1990 Cohort																				
NFLD	**-3.6**	**15.4**	0.0	0.0	-3.8	0.0	0.0	0.0	0.0	2.3	-12.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	-3.1	0.0
PEI	-20.0	12.5	**-50.0**	**37.5**	-33.3	28.6	-25.0	27.3	0.0	10.0	-16.7	18.2	0.0	0.0	0.0	11.1	-20.0	13.3	0.0	0.0
NS	-9.4	2.6	-2.9	3.7	**-6.5**	**16.2**	-6.7	7.4	-2.5	1.8	-9.0	4.9	-4.6	1.0	0.0	1.8	-2.4	2.8	-2.6	1.9
NB	-5.1	5.6	-6.7	5.7	-8.2	7.6	**-7.8**	**20.8**	-4.4	9.4	-12.8	1.3	-2.7	3.2	0.0	0.0	-4.9	2.0	-2.8	3.6
QUE	0.0	0.7	0.0	0.0	0.0	1.0	-1.0	0.3	**-3.4**	**0.5**	-1.0	2.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5
ONT	0.0	0.0	0.0	0.0	0.2	1.3	0.0	0.5	-2.2	0.5	**-1.0**	**3.1**	-0.5	0.8	-0.2	0.0	-0.6	1.0	-2.4	-0.5
MAN	0.0	0.0	0.0	0.0	-3.3	0.0	0.0	0.0	-3.3	0.0	-7.0	1.3	**-0.2**	**14.2**	-6.0	2.5	-3.8	1.6	-2.3	2.3
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	3.2	-5.0	4.5	**-12.4**	**3.9**	-3.8	6.5	-4.5	4.5
ALTA	0.0	0.0	0.0	0.0	-1.3	0.0	0.0	1.3	-1.3	2.0	-1.3	1.7	0.0	1.4	-3.4	1.9	**-5.9**	**4.2**	-2.9	4.4
BC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.3	1.9	-1.5	0.0	0.0	2.8	-3.1	2.3	**-3.5**	**7.1**

Table 4A Percentage of Movers and Entrants to School with 95% Confidence Intervals: Females - Males

Outflows By Pre-School Province

Pre-School Province	1982 Cohort %	1982 Cohort Lower	1982 Cohort Upper	1986 Cohort %	1986 Cohort Lower	1986 Cohort Upper	1990 Cohort %	1990 Cohort Lower	1990 Cohort Upper
NFLD	-9.7	-23.9	4.0	-5.2	-17.8	7.6	-4.0	-16.9	9.7
PEI	-4.3	-48.5	40.0	13.5	-27.4	48.5	-4.8	-50.0	40.0
NS	-4.5	-11.0	1.6	4.2	-3.4	10.6	5.7	-3.7	15.8
NB	0.4	-14.8	15.9	-1.4	-15.5	10.0	1.8	-11.0	18.2
QUE	2.0	-0.7	4.7	-0.8	-2.7	1.4	-0.8	-3.2	1.7
ONT	0.1	-1.2	1.5	-0.7	-2.3	0.9	-0.9	-2.6	0.8
MAN	6.5	0.1	14.4	-10.7	-18.2	-2.7	0.3	-8.3	8.9
SASK	0.6	-8.6	9.1	-3.1	-11.1	4.8	-0.1	-8.4	7.7
ALTA	0.7	-6.6	7.6	3.2	-3.2	9.0	1.2	-4.6	6.6
BC	0.3	-6.6	6.4	-3.7	-10.0	3.5	-4.0	-10.5	2.5
CANADA	0.6	-0.8	2.0	-0.9	-2.2	0.5	-0.6	-2.0	0.8

Inflows By Province at School

Province at School	1982 Cohort %	1982 Cohort Lower	1982 Cohort Upper	1986 Cohort %	1986 Cohort Lower	1986 Cohort Upper	1990 Cohort %	1990 Cohort Lower	1990 Cohort Upper
NFLD	-0.8	-8.0	5.7	-1.0	-11.1	9.0	-5.9	-14.6	3.9
PEI	-2.9	-40.0	33.3	3.8	-30.0	30.0	6.7	-40.0	50.0
NS	-6.0	-15.7	4.1	0.5	-8.4	11.7	-5.7	-17.0	5.8
NB	-0.7	-14.3	15.9	-8.9	-22.7	2.4	-5.1	-21.7	7.8
QUE	-1.5	-2.9	0.0	-1.0	-2.6	0.3	1.5	-0.5	3.3
ONT	1.8	-0.6	4.2	-1.0	-3.0	1.1	-0.9	-3.0	1.1
MAN	5.7	-1.3	13.4	-1.8	-8.9	6.0	-7.0	-14.6	0.5
SASK	1.7	-6.9	9.7	0.5	-7.2	7.4	3.7	-6.2	11.3
ALTA	2.3	-3.4	8.0	-1.5	-6.1	3.2	1.0	-4.1	5.9
BC	-2.2	-7.6	3.7	0.2	-6.4	5.8	-1.7	-6.9	3.3
CANADA	0.6	-0.8	2.0	-0.9	-2.2	0.5	-0.6	-2.0	0.8

Net Inflows By Pre-School Province

Pre-School Province	1982 Cohort %	1982 Cohort Lower	1982 Cohort Upper	1986 Cohort %	1986 Cohort Lower	1986 Cohort Upper	1990 Cohort %	1990 Cohort Lower	1990 Cohort Upper
NFLD	-0.4	-7.1	6.9	0.3	-10.4	12.0	-4.5	-14.7	5.5
PEI	-1.6	-33.3	27.3	1.2	-16.7	23.1	17.8	-33.3	100.0
NS	-1.6	-16.5	13.5	7.9	-7.4	22.6	1.6	-17.2	20.0
NB	-1.6	-17.9	16.1	-7.8	-25.0	6.0	0.2	-19.6	21.1
QUE	-1.5	-2.7	0.0	-1.0	-2.5	0.4	2.4	0.2	4.5
ONT	2.3	-0.3	5.1	-1.1	-3.2	1.4	0.2	-2.0	2.6
MAN	6.2	-1.3	14.8	-0.1	-8.7	7.3	-6.9	-15.1	1.4
SASK	3.3	-5.9	13.0	0.9	-6.5	8.5	5.3	-4.7	15.0
ALTA	1.6	-3.5	7.4	-1.0	-5.8	4.1	2.2	-4.0	7.0
BC	-1.8	-7.2	4.4	0.4	-5.3	7.0	-1.7	-6.5	3.3

Note: Cells where the 95% confidence interval does not include 0 are shaded.

Table 5A Percentage Distribution of Province at Second Interview by Pre-School Province: 95% Confidence Intervals

Pre-School Prov.	Province at Second Interview																			
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
1982 Cohort																				
NFLD	67.1	85.9	0.0	1.5	1.1	10.8	0.0	4.5	0.0	2.9	1.1	11.9	0.0	1.6	0.0	3.2	1.2	11.7	0.0	2.9
PEI	0.0	6.7	44.4	85.0	0.0	23.8	0.0	17.6	0.0	4.8	0.0	10.0	0.0	5.0	0.0	0.0	0.0	22.2	0.0	0.0
NS	0.5	4.5	0.0	2.9	62.2	75.3	1.1	6.2	0.5	4.4	7.1	16.4	0.0	2.3	0.0	1.2	2.2	8.8	1.0	5.9
NB	0.0	2.6	0.0	1.8	3.5	14.2	55.7	73.8	1.7	10.0	6.0	18.0	0.0	2.0	0.0	0.0	1.6	9.3	0.0	4.5
QUE	0.0	0.3	0.0	0.1	0.0	0.5	0.4	1.3	87.8	91.2	5.7	8.5	0.0	0.5	0.0	0.0	0.7	2.0	0.1	0.8
ONT	0.0	0.1	0.0	0.2	0.4	1.2	0.0	0.2	3.2	5.2	87.6	90.6	0.2	0.8	0.4	1.2	2.4	4.2	0.5	1.5
MAN	0.0	0.0	0.0	1.5	0.0	2.5	0.0	0.0	0.0	2.7	6.4	15.3	66.1	78.8	0.5	5.2	5.0	12.9	0.5	4.4
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.2	2.4	9.2	0.5	5.4	64.7	78.0	10.9	22.0	1.1	6.6
ALTA	0.0	0.6	0.0	0.3	0.0	1.1	0.0	0.3	0.5	2.9	2.1	5.9	0.3	2.7	1.6	5.3	80.1	87.5	2.9	7.1
BC	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	1.7	4.2	10.0	0.0	0.9	0.0	1.6	4.7	10.5	78.6	87.0
1986 Cohort																				
NFLD	57.8	76.1	0.0	2.2	2.0	11.5	0.0	4.5	0.0	3.4	9.9	25.0	0.0	1.2	0.0	2.2	0.0	6.3	0.0	1.2
PEI	0.0	0.0	36.0	74.1	6.3	36.4	0.0	18.5	0.0	3.8	3.0	28.0	0.0	4.3	0.0	0.0	0.0	4.5	0.0	4.8
NS	0.0	2.7	0.4	3.4	55.9	68.0	2.8	8.5	0.8	4.9	15.4	25.8	0.0	1.9	0.0	1.2	0.8	5.0	0.4	3.5
NB	0.0	2.6	0.0	3.2	4.4	13.1	52.4	67.6	1.8	8.0	11.2	22.9	0.0	4.2	0.0	1.3	1.1	6.4	0.0	3.4
QUE	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.3	90.8	93.4	5.1	7.5	0.1	0.6	0.1	0.4	0.0	0.3	0.3	1.1
ONT	0.0	0.1	0.0	0.2	0.5	1.4	0.0	0.3	1.0	2.1	93.3	95.3	0.1	0.7	0.0	0.3	0.3	1.0	1.2	2.4
MAN	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.3	2.8	6.5	13.7	70.1	80.6	0.0	1.9	4.0	10.2	2.5	7.5
SASK	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.4	4.0	5.8	13.0	2.5	7.6	58.8	70.1	8.8	17.4	3.1	9.1
ALTA	0.0	0.0	0.0	0.5	0.0	0.9	0.0	0.7	0.6	2.8	3.8	8.1	0.0	1.6	0.6	2.9	77.3	84.3	5.7	10.5
BC	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	1.1	6.0	11.7	0.3	2.3	0.2	2.3	3.2	7.9	77.9	85.7
1990 Cohort																				
NFLD	62.6	80.0	0.0	1.9	1.7	9.5	0.0	4.5	0.0	3.4	6.8	19.2	0.0	2.8	0.0	1.1	0.8	8.2	0.0	4.5
PEI	0.0	14.8	31.3	76.9	0.0	40.0	0.0	11.1	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	9.1
NS	1.1	6.3	0.0	4.4	54.1	68.7	2.9	9.9	0.0	3.6	13.0	25.0	0.0	1.2	0.0	1.8	0.0	2.0	1.6	7.3
NB	0.0	3.2	0.0	2.7	5.6	16.5	61.9	78.1	0.0	5.3	5.4	16.5	0.0	1.9	0.0	0.0	0.0	4.9	0.0	3.8
QUE	0.0	0.5	0.0	0.0	0.0	0.0	0.1	0.7	90.5	93.6	3.8	6.3	0.1	0.7	0.0	0.3	0.2	1.1	0.7	1.9
ONT	0.7	1.6	0.0	0.2	0.2	0.8	0.0	0.2	1.3	2.5	92.0	94.1	0.1	0.5	0.1	0.4	0.2	0.8	1.8	3.1
MAN	0.0	1.1	0.0	1.0	0.0	1.7	0.0	0.0	0.0	1.6	7.5	16.7	62.1	74.8	0.0	3.4	3.8	11.8	4.3	11.6
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.8	0.5	4.8	1.6	7.7	52.2	65.8	18.9	31.4	3.5	11.1
ALTA	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.8	0.0	1.1	1.1	4.3	0.0	0.9	0.0	1.6	84.1	90.9	4.9	9.8
BC	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.4	1.1	4.4	0.0	0.9	0.0	1.2	1.6	5.4	88.4	94.1

Table 5B Percentage Distribution of Province at Second Interview by Pre-School Province: Females - Males

Pre-School Prov.	Province at Second Interview										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	-2.6	0.7	1.3	3.2	-0.3	-1.7	0.6	0.2	-3.1	1.7	0
PEI	0.0	1.2	-6.6	4.1	-1.2	1.0	1.1	0.0	0.4	0.0	0
NS	-1.0	1.0	8.4	-2.6	0.1	-7.3	0.4	0.7	-0.2	0.4	0
NB	-1.6	0.5	2.5	-3.9	1.7	3.0	0.2	0.0	0.3	-2.8	0
QUE	0.3	0.0	0.4	-0.3	2.3	-2.7	-0.1	0.0	-0.3	0.5	0
ONT	0.0	-0.1	0.3	0.1	1.9	-0.7	0.2	-0.4	-1.1	-0.3	0
MAN	0.0	1.0	-2.3	0.0	0.9	8.0	-8.6	0.9	0.8	-0.7	0
SASK	0.0	0.0	0.0	-0.4	-0.6	2.3	-2.0	12.5	-12.2	0.4	0
ALTA	0.0	-0.1	-0.1	0.1	0.0	0.1	1.3	-0.1	-2.7	1.5	0
BC	0.0	0.0	0.4	0.1	-0.7	-1.9	0.6	0.7	1.3	-0.4	0
1986 Cohort											
NFLD	10.7	-0.1	-3.8	-3.0	2.5	-7.8	0.6	-1.4	1.8	0.6	0
PEI	0.0	-0.2	1.3	-3.0	1.1	2.7	-0.1	0.0	0.1	-1.9	0
NS	-0.1	1.7	-8.8	0.6	-2.5	9.7	0.3	-0.8	0.3	-0.4	0
NB	0.9	0.1	-3.1	3.2	4.2	-3.9	0.2	0.5	-2.6	0.4	0
QUE	0.0	0.0	-0.1	0.1	1.7	-2.7	0.4	0.1	-0.2	0.7	0
ONT	0.1	-0.2	0.5	-0.1	-0.5	-0.3	0.1	0.2	0.0	0.0	0
MAN	0.0	0.0	-0.4	0.0	-2.7	-9.7	10.4	1.7	1.2	-0.5	0
SASK	0.0	-0.6	0.0	0.0	-1.4	-7.0	2.0	6.4	-2.5	3.0	0
ALTA	0.0	-0.2	0.0	0.1	-0.9	-0.2	-0.7	-1.4	1.9	1.4	0
BC	0.0	0.0	-0.6	0.0	0.8	2.0	0.1	-2.3	-1.8	1.7	0
1990 Cohort											
NFLD	0.7	0.4	2.7	1.8	2.1	-1.6	-1.0	-0.7	-4.1	-0.3	0
PEI	8.4	8.9	-29.6	3.0	0.0	1.4	0.0	0.0	7.1	0.8	0
NS	0.6	1.2	0.0	-0.6	-1.4	0.0	-0.9	1.1	-2.0	2.1	0
NB	-0.5	0.3	1.7	3.8	-3.4	-1.7	1.1	0.0	-0.1	-1.2	0
QUE	0.1	0.0	0.0	0.4	1.5	-0.3	0.2	0.1	-0.2	-1.8	0
ONT	0.8	0.1	-0.4	-0.1	0.7	-1.0	0.1	0.3	-0.4	-0.1	0
MAN	-0.6	-0.6	-0.2	0.0	-1.2	-3.1	3.3	2.1	0.4	-0.1	0
SASK	0.0	0.0	0.0	0.6	1.4	-1.5	1.4	-4.9	2.7	0.3	0
ALTA	0.5	0.4	0.0	-0.4	-0.9	-0.3	-0.2	0.1	0.1	0.6	0
BC	-0.1	0.0	0.0	0.2	0.2	-2.1	0.0	0.6	0.2	1.0	0

Note: Cells where the 95% confidence interval does not include 0 are shaded.

Table 5A Percentage Distribution of Province at Second Interview by Pre-School Province: 95% Confidence Intervals

Pre-School Prov.	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
										Province at Second Interview										
1982 Cohort																				
NFLD	67.1	85.9	0.0	1.5	1.1	10.8	0.0	4.5	0.0	2.9	1.1	11.9	0.0	1.6	0.0	3.2	1.2	11.7	0.0	2.9
PEI	0.0	6.7	44.4	85.0	0.0	23.8	0.0	17.6	0.0	4.8	0.0	10.0	0.0	5.0	0.0	0.0	0.0	22.2	0.0	0.0
NS	0.5	4.5	0.0	2.9	62.2	75.3	1.1	6.2	0.5	4.4	7.1	16.4	0.0	2.3	0.0	1.2	2.2	8.8	1.0	5.9
NB	0.0	2.6	0.0	1.8	3.5	14.2	55.7	73.8	1.7	10.0	6.0	18.0	0.0	2.0	0.0	0.0	1.6	9.3	0.0	4.5
QUE	0.0	0.3	0.0	0.1	0.0	0.5	0.4	1.3	87.8	91.2	5.7	8.5	0.0	0.5	0.0	0.0	0.7	2.0	0.1	0.8
ONT	0.0	0.1	0.0	0.2	0.4	1.2	0.0	0.2	3.2	5.2	87.6	90.6	0.2	0.8	0.4	1.2	2.4	4.2	0.5	1.5
MAN	0.0	0.0	0.0	1.5	0.0	2.5	0.0	0.0	0.0	2.7	6.4	15.3	68.1	78.8	0.5	5.2	5.0	12.9	0.5	4.4
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.2	2.4	9.2	0.5	5.4	64.7	78.0	10.9	22.0	1.1	6.6
ALTA	0.0	0.6	0.0	0.3	0.0	1.1	0.0	0.3	0.5	2.9	2.1	5.9	0.3	2.7	1.6	5.3	80.1	87.5	2.9	7.1
BC	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	1.7	4.2	10.0	0.0	0.9	0.0	1.6	4.7	10.5	78.6	87.0
1986 Cohort																				
NFLD	57.8	76.1	0.0	2.2	2.0	11.5	0.0	4.5	0.0	3.4	9.9	25.0	0.0	1.2	0.0	2.2	0.0	6.3	0 0	1.2
PEI	0.0	0.0	36.0	74.1	6.3	36.4	0.0	18.5	0.0	3.8	3.0	28.0	0.0	4.3	0.0	0.0	0.0	4.5	0.0	4.8
NS	0.0	2.7	0.4	3.4	55.9	68.0	2.8	8.5	0.8	4.9	15.4	25.8	0.0	1.9	0.0	1.2	0.8	5.0	0.4	3.5
NB	0.0	2.6	0.0	3.2	4.4	13.1	52.4	67.6	1.8	8.0	11.2	22.9	0.0	4.2	0.0	1.3	1.1	6.4	0.0	3.4
QUE	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.3	90.8	93.4	5.1	7.5	0.1	0.6	0.1	0.4	0.0	0.3	0.3	1.1
ONT	0.0	0.1	0.0	0.2	0.5	1.4	0.0	0.3	1.0	2.1	93.3	95.3	0.1	0.7	0.0	0.3	0.3	1.0	1.2	2.4
MAN	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.3	2.8	6.5	13.7	70.1	80.6	0.0	1.9	4.0	10.2	2.5	7.5
SASK	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.4	4.0	5.8	13.0	2.5	7.6	58.8	70.1	8.8	17.4	3.1	9.1
ALTA	0.0	0.0	0.0	0.5	0.0	0.9	0.0	0.7	0.6	2.8	3.8	8.1	0.0	1.6	0.6	2.9	77.3	84.3	5.7	10.5
BC	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	1.1	6.0	11.7	0.3	2.3	0.2	2.3	3.2	7.9	77.9	85.7
1990 Cohort																				
NFLD	62.6	80.0	0.0	1.9	1.7	9.5	0.0	4.5	0.0	3.4	6.8	19.2	0.0	2.8	0.0	1.1	0.8	8.2	0.0	4.5
PEI	0.0	14.8	31.3	76.9	0.0	40.0	0.0	11.1	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	9.1
NS	1.1	6.3	0.0	4.4	54.1	68.7	2.9	9.9	0.0	3.6	13.0	25.0	0.0	1.2	0.0	1.8	0.0	2.0	1.6	7.3
NB	0.0	3.2	0.0	2.7	5.6	16.5	61.9	78.1	0.0	5.3	5.4	16.5	0.0	1.9	0.0	0.0	0.0	4.9	0.0	3.8
QUE	0.0	0.5	0.0	0.0	0.0	0.0	0.1	0.7	90.5	93.6	3.8	6.3	0.1	0.7	0.0	0.3	0.2	1.1	0.7	1.9
ONT	0.7	1.6	0.0	0.2	0.2	0.8	0.0	0.2	1.3	2.5	92.0	94.1	0.1	0.5	0.1	0.4	0.2	0.8	1.8	3.1
MAN	0.0	1.1	0.0	1.0	0.0	1.7	0.0	0.0	0.0	1.6	7.5	16.7	62.1	74.8	0.0	3.4	3.8	11.8	4.3	11.6
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.8	0.5	4.8	1.6	7.7	52.2	65.8	18.9	31.4	3.5	11.1
ALTA	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.8	0.0	1.1	1.1	4.3	0.0	0.9	0.0	1.6	84.1	90.9	4.9	9.8
BC	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.4	1.1	4.4	0.0	0.9	0.0	1.2	1.6	5.4	88.4	94.1

Table 5B Percentage Distribution of Province at Second Interview by Pre-School Province: Females - Males

Pre-School Prov.	Province at Second Interview										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
					1982 Cohort						
NFLD	-2.6	0.7	1.3	3.2	-0.3	-1.7	0.6	0.2	-3.1	1.7	0
PEI	0.0	1.2	-6.6	4.1	-1.2	1.0	1.1	0.0	0.4	0.0	0
NS	-1.0	1.0	8.4	-2.6	0.1	-7.3	0.4	0.7	-0.2	0.4	0
NB	-1.6	0.5	2.5	-3.9	1.7	3.0	0.2	0.0	0.3	-2.8	0
QUE	0.3	0.0	0.4	-0.3	2.3	-2.7	-0.1	0.0	-0.3	0.5	0
ONT	0.0	-0.1	0.3	0.1	1.9	-0.7	0.2	-0.4	-1.1	-0.3	0
MAN	0.0	1.0	-2.3	0.0	0.9	8.0	-8.6	0.9	0.8	-0.7	0
SASK	0.0	0.0	0.0	-0.4	-0.6	2.3	-2.0	12.5	-12.2	0.4	0
ALTA	0.0	-0.1	-0.1	0.1	0.0	0.1	1.3	-0.1	-2.7	1.5	0
BC	0.0	0.0	0.4	0.1	-0.7	-1.9	0.6	0.7	1.3	-0.4	0
					1986 Cohort						
NFLD	10.7	-0.1	-3.8	-3.0	2.5	-7.8	0.6	-1.4	1.8	0.6	0
PEI	0.0	-0.2	1.3	-3.0	1.1	2.7	-0.1	0.0	0.1	-1.9	0
NS	-0.1	1.7	-8.8	0.6	-2.5	9.7	0.3	-0.8	0.3	-0.4	0
NB	0.9	0.1	-3.1	3.2	4.2	-3.9	0.2	0.5	-2.6	0.4	0
QUE	0.0	0.0	-0.1	0.1	1.7	-2.7	0.4	0.1	-0.2	0.7	0
ONT	0.1	-0.2	0.5	-0.1	-0.5	-0.3	0.1	0.2	0.0	0.0	0
MAN	0.0	0.0	-0.4	0.0	-2.7	-9.7	10.4	1.7	1.2	-0.5	0
SASK	0.0	-0.6	0.0	0.0	-1.4	-7.0	2.0	6.4	-2.5	3.0	0
ALTA	0.0	-0.2	0.0	0.1	-0.9	-0.2	-0.7	-1.4	1.9	1.4	0
BC	0.0	0.0	-0.6	0.0	0.8	2.0	0.1	-2.3	-1.8	1.7	0
					1990 Cohort						
NFLD	0.7	0.4	2.7	1.8	2.1	-1.6	-1.0	-0.7	-4.1	-0.3	0
PEI	8.4	8.9	-29.6	3.0	0.0	1.4	0.0	0.0	7.1	0.8	0
NS	0.6	1.2	0.0	-0.6	-1.4	0.0	-0.9	1.1	-2.0	2.1	0
NB	-0.5	0.3	1.7	3.8	-3.4	-1.7	1.1	0.0	-0.1	-1.2	0
QUE	0.1	0.0	0.0	0.4	1.5	-0.3	0.2	0.1	-0.2	-1.8	0
ONT	0.8	0.1	-0.4	-0.1	0.7	-1.0	0.1	0.3	-0.4	-0.1	0
MAN	-0.6	-0.6	-0.2	0.0	-1.2	-3.1	3.3	2.1	0.4	-0.1	0
SASK	0.0	0.0	0.0	0.6	1.4	-1.5	1.4	-4.9	2.7	0.3	0
ALTA	0.5	0.4	0.0	-0.4	-0.9	-0.3	-0.2	0.1	0.1	0.6	0
BC	-0.1	0.0	0.0	0.2	0.2	-2.1	0.0	0.6	0.2	1.0	0

Note: Cells where the 95% confidence interval does not include 0 are shaded.

Table 5C Percentage Distribution of Province at Second Interview by Pre-School Province: 95% Confidence Intervals: Females - Males

Pre-School Prov.	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
									Province at Second Interview											
1982 Cohort																				
NFLD	-20.6	16.3	0.0	3.1	-9.0	9.8	0.0	8.5	-5.6	3.3	-12.2	10.8	0.0	3.0	-4.0	5.6	-13.9	7.1	0.0	6.1
PEI	-11.1	11.1	-43.4	41.7	-37.5	20.0	-18.2	28.6	-10.0	0.0	-15.4	16.7	0.0	10.0	0.0	0.0	-30.0	25.0	0.0	0.0
NS	-5.4	3.3	-1.7	4.7	-5.1	21.3	-8.6	3.5	-3.7	4.6	-17.5	2.5	-2.5	3.4	0.0	2.2	-6.6	6.3	-5.0	5.6
NB	-4.9	0.0	-1.9	3.5	-7.5	13.7	-20.5	14.2	-6.4	11.0	-10.3	14.5	-2.2	4.0	0.0	0.0	-7.4	8.5	-7.9	2.2
QUE	0.0	0.7	-0.2	0.0	-0.2	0.8	-1.3	0.7	-1.2	5.7	-5.7	-0.1	-0.5	0.5	0.0	0.0	-1.6	0.9	-0.2	1.2
ONT	-0.1	0.0	-0.4	0.0	-0.4	1.1	-0.1	0.5	0.0	3.7	-4.0	1.9	-0.4	0.9	-1.1	0.5	-2.9	0.5	-1.2	0.7
MAN	0.0	0.0	0.0	2.9	-5.3	0.0	0.0	0.0	-1.5	4.4	0.0	17.0	-21.4	5.0	-3.6	5.5	-7.6	8.9	-4.9	3.3
SASK	0.0	0.0	0.0	0.0	0.0	0.0	-1.6	0.0	-2.5	0.0	-4.4	9.0	-7.2	2.9	-0.3	28.1	-23.0	-0.8	-5.1	6.6
ALTA	-0.6	0.7	-0.5	0.0	-1.4	1.3	0.0	0.6	-2.6	2.7	-3.9	4.2	-1.4	3.9	-4.0	3.6	-10.9	4.5	-3.0	6.3
BC	0.0	0.0	0.0	0.0	0.0	1.4	-0.8	0.8	-3.2	0.8	-7.6	3.6	0.0	1.9	-1.0	2.7	-4.6	7.4	-8.5	8.4
1986 Cohort																				
NFLD	-8.5	28.9	-3.1	3.8	-12.7	5.9	-9.3	2.4	0.0	6.7	-21.8	7.2	0.0	2.4	-4.7	0.0	-4.5	8.3	0.0	2.3
PEI	0.0	0.0	-38.5	38.0	-31.7	28.5	-25.0	18.2	0.0	7.7	-23.9	28.7	-9.1	7.7	0.0	0.0	-9.1	8.3	-9.1	0.0
NS	-3.3	2.9	-1.5	5.0	-20.7	3.6	-5.3	6.5	-7.0	1.9	-0.7	19.5	-2.2	2.6	-2.4	0.0	-4.1	4.5	-4.0	3.3
NB	-2.0	4.3	-4.3	3.7	-12.0	5.6	-11.3	17.6	-1.4	11.5	-15.5	7.1	-4.3	4.6	0.0	2.2	-7.9	3.2	-3.1	4.6
QUE	0.0	0.1	0.0	0.1	-0.2	0.0	-0.3	0.4	-0.8	4.3	-4.8	-0.1	-0.1	0.9	-0.3	0.6	-0.5	0.0	0.0	1.6
ONT	0.0	0.3	-0.4	0.0	-0.3	1.4	-0.4	0.2	-1.5	0.7	-2.3	1.6	-0.4	0.7	0.0	0.5	-0.7	0.8	-1.0	1.2
MAN	0.0	0.0	0.0	0.0	-1.6	0.0	0.0	0.0	-5.4	0.0	-16.9	-2.4	-0.3	20.6	0.0	3.7	-5.4	7.4	-5.4	4.9
SASK	0.0	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	-5.1	2.2	-14.2	0.3	-3.8	7.1	-6.5	16.7	-10.7	5.7	-3.6	8.4
ALTA	0.0	0.0	-1.0	0.4	-1.0	1.2	-1.0	0.9	-3.4	1.7	-4.1	4.4	-2.2	0.9	-3.8	0.9	-4.7	9.4	-3.7	6.1
BC	0.0	0.0	0.0	0.0	-2.4	1.2	0.0	0.0	0.0	2.0	-3.2	8.4	-2.3	2.1	-4.6	-0.5	-6.5	2.8	-6.0	8.8
1990 Cohort																				
NFLD	-15.2	16.6	-2.5	3.3	-5.0	11.6	-2.9	6.3	0.0	5.6	-14.1	11.6	-5.3	2.1	-2.9	0.0	-11.9	5.1	-5.6	5.6
PEI	0.0	25.0	-41.7	58.3	-71.4	10.6	-14.3	20.0	0.0	0.0	-26.7	34.0	0.0	0.0	0.0	0.0	-16.7	25.0	-16.7	16.7
NS	-4.6	6.4	-3.1	5.2	-14.8	15.2	-7.6	6.5	-5.6	2.7	-11.3	12.0	-3.0	0.0	0.0	3.1	-5.1	0.0	-4.3	8.0
NB	-4.5	4.2	-3.2	4.6	-8.9	13.7	-13.1	21.4	-9.8	3.0	-13.0	10.1	0.0	3.4	0.0	0.0	-5.4	5.7	-6.3	3.4
QUE	-0.5	0.6	0.0	0.0	0.0	0.0	-0.1	1.0	-1.5	4.7	-2.9	2.1	-0.4	0.8	-0.4	0.5	-1.1	0.7	-3.1	-0.5
ONT	-0.1	1.7	-0.1	0.3	-1.0	0.3	-0.4	0.1	-0.6	1.9	-3.3	1.1	-0.4	0.5	-0.2	0.7	-1.0	0.3	-1.4	1.2
MAN	-2.2	0.0	-2.2	0.0	-2.5	2.1	0.0	0.0	-3.4	0.0	-11.8	6.3	-10.2	14.9	-1.4	5.4	-7.5	7.7	-7.7	6.9
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	3.5	-5.8	3.3	-4.9	7.2	-20.0	8.7	-9.1	15.9	-6.8	7.5
ALTA	0.0	1.4	-0.6	1.5	0.0	0.0	-1.7	0.6	-2.2	0.0	-3.5	3.2	-1.2	1.0	-1.7	2.0	-6.3	7.3	-4.4	6.1
BC	-2.2	2.0	0.0	0.0	0.0	0.0	0.0	0.7	-1.2	1.9	-5.6	1.2	-1.2	1.2	-0.6	2.3	-3.7	3.9	-4.2	6.7

Table 6A Percentage Distribution of Pre-School Province by Province at Second Interview: 95% Confidence Intervals

Prov. at Second Int.	Pre-School Province																	
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA	
1982 Cohort																		
NFLD	**81.5**	**95.9**	0.0	1.8	1.3	11.6	0.0	4.3	0.0	6.3	0.0	1.8	0.0	0.0	0.0	0.0	0.0	2.9
PEI	0.0	7.1	**50.0**	**89.5**	0.0	26.7	0.0	10.0	0.0	5.3	0.0	16.7	0.0	14.3	0.0	0.0	0.0	5.3
NS	0.6	4.8	0.0	3.1	**71.5**	**83.8**	2.9	9.7	0.0	3.6	4.2	12.1	0.0	2.9	0.0	0.0	0.0	2.4
NB	0.0	3.4	0.0	3.8	2.2	11.7	**66.3**	**85.1**	5.0	17.6	0.0	4.3	0.0	0.0	0.0	1.2	0.0	1.1
QUE	0.0	0.2	0.0	0.1	0.1	0.7	0.2	0.9	**90.7**	**93.9**	4.5	7.2	0.0	0.4	0.0	0.2	0.2	0.9
ONT	0.1	0.5	0.0	0.1	0.7	1.8	0.3	1.2	4.4	6.6	**87.0**	**89.9**	0.7	1.7	0.2	0.9	0.5	1.3
MAN	0.0	0.7	0.0	0.6	0.0	2.8	0.0	1.4	0.0	3.8	1.7	8.2	**78.8**	**90.0**	0.6	5.7	0.6	6.1
SASK	0.0	1.6	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	3.8	12.6	1.1	6.5	**71.0**	**84.1**	4.1	12.8
ALTA	0.2	1.8	0.0	0.9	0.8	3.2	0.2	2.2	2.0	5.2	8.9	14.9	2.0	5.2	3.9	8.3	**62.0**	**70.6**
BC	0.0	0.7	0.0	0.0	0.6	3.7	0.0	1.6	0.6	3.4	3.2	8.5	0.3	2.5	0.6	3.5	3.3	8.5
1986 Cohort																		
NFLD	**84.2**	**97.3**	0.0	0.0	0.0	9.0	0.0	6.0	0.0	1.8	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0
PEI	0.0	8.0	**41.4**	**79.3**	3.2	31.6	0.0	20.0	0.0	4.0	0.0	15.4	0.0	0.0	0.0	9.1	0.0	9.5
NS	0.4	5.3	0.9	5.5	**68.9**	**80.7**	3.2	10.2	0.0	1.0	5.6	14.0	0.0	1.0	0.0	0.0	0.0	2.0
NB	0.0	3.7	0.0	4.5	5.6	16.8	**72.5**	**87.1**	0.0	3.9	0.0	5.4	0.0	0.0	0.0	0.0	0.0	2.6
QUE	0.0	0.2	0.0	0.1	0.2	0.8	0.2	0.8	**95.1**	**96.9**	1.2	2.6	0.1	0.4	0.1	0.7	0.2	0.8
ONT	0.4	1.2	0.0	0.4	1.6	2.8	0.8	1.6	4.0	5.8	**84.4**	**87.5**	0.8	1.7	0.6	1.4	0.8	1.6
MAN	0.0	0.5	0.0	0.5	0.0	1.9	0.0	2.8	0.4	4.0	1.6	6.5	**78.4**	**88.2**	2.2	7.3	0.4	3.4
SASK	0.0	1.2	0.0	0.0	0.0	1.3	0.0	1.2	0.0	4.0	0.0	3.0	0.0	2.8	**82.4**	**92.3**	1.6	7.3
ALTA	0.0	1.2	0.0	0.2	0.4	2.4	0.4	2.2	0.0	0.9	1.5	4.4	2.1	5.6	4.3	8.7	**74.9**	**82.1**
BC	0.0	0.3	0.0	0.3	0.2	2.0	0.0	1.2	1.4	4.4	5.8	11.2	1.5	4.6	1.9	5.4	6.2	11.3
1990 Cohort																		
NFLD	**56.7**	**74.4**	0.0	2.1	1.5	9.9	0.0	3.1	0.0	5.5	11.8	26.0	0.0	1.8	0.0	0.0	0.0	2.5
PEI	0.0	11.1	**27.8**	**75.0**	5.6	44.4	0.0	19.0	0.0	0.0	0.0	16.7	0.0	11.1	0.0	0.0	0.0	16.7
NS	0.7	7.1	0.6	5.5	**69.5**	**83.6**	4.1	12.5	0.0	0.0	2.6	11.0	0.0	2.3	0.0	0.0	0.0	0.0
NB	0.0	4.4	0.0	2.1	4.8	16.7	**71.3**	**87.9**	0.0	6.5	0.0	3.9	0.0	0.0	0.0	1.9	0.0	3.6
QUE	0.0	0.3	0.0	0.0	0.0	0.5	0.0	0.5	**94.6**	**96.9**	2.1	4.1	0.0	0.3	0.0	0.3	0.0	0.3
ONT	0.4	1.1	0.0	0.2	1.1	2.3	0.3	0.9	2.3	4.0	**90.1**	**92.6**	0.8	1.7	0.1	0.5	0.2	0.9
MAN	0.0	2.0	0.0	0.0	0.0	1.4	0.0	1.4	0.6	5.5	0.6	5.8	**80.5**	**92.0**	1.8	8.8	0.0	2.1
SASK	0.0	1.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	3.4	0.7	7.0	0.7	5.8	**80.3**	**92.0**	0.0	5.0
ALTA	0.2	2.1	0.0	0.7	0.0	0.8	0.0	1.2	0.4	2.9	0.7	3.4	1.9	5.4	8.1	13.7	**73.1**	**80.9**
BC	0.0	1.1	0.0	0.4	0.6	2.8	0.0	0.9	1.9	5.2	7.3	12.9	1.5	4.9	1.3	4.2	3.8	8.1

Table 5C Percentage Distribution of Province at Second Interview by Pre-School Province: 95% Confidence Intervals: Females - Males

Pre-School Prov.	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA		BC	
	Province at Second Interview																			
1982 Cohort																				
NFLD	-20.6	16.3	0.0	3.1	-9.0	9.8	0.0	8.5	-5.6	3.3	-12.2	10.8	0.0	3.0	-4.0	5.6	-13.9	7.1	0.0	6.1
PEI	-11.1	11.1	-43.4	41.7	-37.5	20.0	-18.2	28.6	-10.0	0.0	-15.4	16.7	0.0	10.0	0.0	0.0	-30.0	25.0	0.0	0.0
NS	-5.4	3.3	-1.7	4.7	-5.1	21.3	-8.6	3.5	-3.7	4.6	-17.5	2.5	-2.5	3.4	0.0	2.2	-6.6	6.3	-5.0	5.6
NB	-4.9	0.0	-1.9	3.5	-7.5	13.7	-20.5	14.2	-6.4	11.0	-10.3	14.5	-2.2	4.0	0.0	0.0	-7.4	8.5	-7.9	2.2
QUE	0.0	0.7	-0.2	0.0	-0.2	0.8	-1.3	0.7	-1.2	5.7	-5.7	-0.1	-0.5	0.5	0.0	0.0	-1.6	0.9	-0.2	1.2
ONT	-0.1	0.0	-0.4	0.0	-0.4	1.1	-0.1	0.5	0.0	3.7	-4.0	1.9	-0.4	0.9	-1.1	0.5	-2.9	0.5	-1.2	0.7
MAN	0.0	0.0	0.0	2.9	-5.3	0.0	0.0	0.0	-1.5	4.4	0.0	17.0	-21.4	5.0	-3.6	5.5	-7.6	8.9	-4.9	3.3
SASK	0.0	0.0	0.0	0.0	0.0	0.0	-1.6	0.0	-2.5	0.0	-4.4	9.0	-7.2	2.9	-0.3	28.1	-23.0	-0.8	-5.1	6.6
ALTA	-0.6	0.7	-0.5	0.0	-1.4	1.3	0.0	0.6	-2.6	2.7	-3.9	4.2	-1.4	3.9	-4.0	3.6	-10.9	4.5	-3.0	6.3
BC	0.0	0.0	0.0	0.0	0.0	1.4	-0.8	0.8	-3.2	0.8	-7.6	3.6	0.0	1.9	-1.0	2.7	-4.6	7.4	-8.5	8.4
1986 Cohort																				
NFLD	-8.5	28.9	-3.1	3.8	-12.7	5.9	-9.3	2.4	0.0	6.7	-21.8	7.2	0.0	2.4	-4.7	0.0	-4.5	8.3	0.0	2.3
PEI	0.0	0.0	-38.5	38.0	-31.7	28.5	-25.0	18.2	0.0	7.7	-23.9	28.7	-9.1	7.7	0.0	0.0	-9.1	8.3	-9.1	0.0
NS	-3.3	2.9	-1.5	5.0	-20.7	3.6	-5.3	6.5	-7.0	1.9	-0.7	19.5	-2.2	2.6	-2.4	0.0	-4.1	4.5	-4.0	3.3
NB	-2.0	4.3	-4.3	3.7	-12.0	5.6	-11.3	17.6	-1.4	11.5	-15.5	7.1	-4.3	4.6	0.0	2.2	-7.9	3.2	-3.1	4.6
QUE	0.0	0.1	0.0	0.1	-0.2	0.0	-0.3	0.4	-0.8	4.3	-4.8	-0.1	-0.1	0.9	-0.3	0.6	-0.5	0.0	0.0	1.6
ONT	0.0	0.3	-0.4	0.0	-0.3	1.4	-0.4	0.2	-1.5	0.7	-2.3	1.6	-0.4	0.7	0.0	0.5	-0.7	0.8	-1.0	1.2
MAN	0.0	0.0	0.0	0.0	-1.6	0.0	0.0	0.0	-5.4	0.0	-16.9	-2.4	-0.3	20.6	0.0	3.7	-5.4	7.4	-5.4	4.9
SASK	0.0	0.0	-1.8	0.0	0.0	0.0	0.0	0.0	-5.1	2.2	-14.2	0.3	-3.8	7.1	-6.5	16.7	-10.7	5.7	-3.6	8.4
ALTA	0.0	0.0	-1.0	0.4	-1.0	1.2	-1.0	0.9	-3.4	1.7	-4.1	4.4	-2.2	0.9	-3.8	0.9	-4.7	9.4	-3.7	6.1
BC	0.0	0.0	0.0	0.0	-2.4	1.2	0.0	0.0	0.0	2.0	-3.2	8.4	-2.3	2.1	-4.6	-0.5	-6.5	2.8	-6.0	8.8
1990 Cohort																				
NFLD	-15.2	16.6	-2.5	3.3	-5.0	11.6	-2.9	6.3	0.0	5.6	-14.1	11.6	-5.3	2.1	-2.9	0.0	-11.9	5.1	-5.6	5.6
PEI	0.0	25.0	-41.7	58.3	-71.4	10.6	-14.3	20.0	0.0	0.0	-26.7	34.0	0.0	0.0	0.0	0.0	-16.7	25.0	-16.7	16.7
NS	-4.6	6.4	-3.1	5.2	-14.8	15.2	-7.6	6.5	-5.6	2.7	-11.3	12.0	-3.0	0.0	0.0	3.1	-5.1	0.0	-4.3	8.0
NB	-4.5	4.2	-3.2	4.6	-8.9	13.7	-13.1	21.4	-9.8	3.0	-13.0	10.1	0.0	3.4	0.0	0.0	-5.4	5.7	-6.3	3.4
QUE	-0.5	0.6	0.0	0.0	0.0	0.0	-0.1	1.0	-1.5	4.7	-2.9	2.1	-0.4	0.8	-0.4	0.5	-1.1	0.7	-3.1	-0.5
ONT	-0.1	1.7	-0.1	0.3	-1.0	0.3	-0.4	0.1	-0.6	1.9	-3.3	1.1	-0.4	0.5	-0.2	0.7	-1.0	0.3	-1.4	1.2
MAN	-2.2	0.0	-2.2	0.0	-2.5	2.1	0.0	0.0	-3.4	0.0	-11.8	6.3	-10.2	14.9	-1.4	5.4	-7.5	7.7	-7.7	6.9
SASK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	3.5	-5.8	3.3	-4.9	7.2	-20.0	8.7	-9.1	15.9	-6.8	7.5
ALTA	0.0	1.4	-0.6	1.5	0.0	0.0	-1.7	0.6	-2.2	0.0	-3.5	3.2	-1.2	1.0	-1.7	2.0	-6.3	7.3	-4.4	6.1
BC	-2.2	2.0	0.0	0.0	0.0	0.0	0.0	0.7	-1.2	1.9	-5.6	1.2	-1.2	1.2	-0.6	2.3	-3.7	3.9	-4.2	6.7

Table 6A Percentage Distribution of Pre-School Province by Province at Second Interview: 95% Confidence Intervals

Prov. at Second Int.	Pre-School Province																	
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA	
1982 Cohort																		
NFLD	81.5	95.9	0.0	1.8	1.3	11.6	0.0	4.3	0.0	6.3	0.0	1.8	0.0	0.0	0.0	0.0	0.0	2.9
PEI	0.0	7.1	50.0	89.5	0.0	26.7	0.0	10.0	0.0	5.3	0.0	16.7	0.0	14.3	0.0	0.0	0.0	5.3
NS	0.6	4.8	0.0	3.1	71.5	83.8	2.9	9.7	0.0	3.6	4.2	12.1	0.0	2.9	0.0	0.0	0.0	2.4
NB	0.0	3.4	0.0	3.8	2.2	11.7	68.3	85.1	5.0	17.6	0.0	4.3	0.0	0.0	0.0	1.2	0.0	1.1
QUE	0.0	0.2	0.0	0.1	0.1	0.7	0.2	0.9	90.7	93.9	4.5	7.2	0.0	0.4	0.0	0.2	0.2	0.9
ONT	0.1	0.5	0.0	0.1	0.7	1.8	0.3	1.2	4.4	6.6	87.0	89.9	0.7	1.7	0.2	0.9	0.5	1.3
MAN	0.0	0.7	0.0	0.6	0.0	2.8	0.0	1.4	0.0	3.8	1.7	8.2	78.8	90.0	0.6	5.7	0.6	6.1
SASK	0.0	1.6	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	3.8	12.6	1.1	6.5	71.0	84.1	4.1	12.8
ALTA	0.2	1.8	0.0	0.9	0.8	3.2	0.2	2.2	2.0	5.2	8.9	14.9	2.0	5.2	3.9	8.3	62.0	70.8
BC	0.0	0.7	0.0	0.0	0.6	3.7	0.0	1.6	0.6	3.4	3.2	8.5	0.3	2.5	0.6	3.5	3.3	8.5
1986 Cohort																		
NFLD	84.2	97.3	0.0	0.0	0.0	9.0	0.0	6.0	0.0	1.8	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0
PEI	0.0	8.0	41.4	79.3	3.2	31.6	0.0	20.0	0.0	4.0	0.0	15.4	0.0	0.0	0.0	9.1	0.0	9.5
NS	0.4	5.3	0.9	5.5	66.9	80.7	3.2	10.2	0.0	1.0	5.6	14.0	0.0	1.0	0.0	0.0	0.0	2.0
NB	0.0	3.7	0.0	4.5	5.6	16.8	72.5	87.1	0.0	3.9	0.0	5.4	0.0	0.0	0.0	0.0	0.0	2.6
QUE	0.0	0.2	0.0	0.1	0.2	0.8	0.2	0.8	95.1	96.9	1.2	2.6	0.1	0.4	0.1	0.7	0.2	0.8
ONT	0.4	1.2	0.0	0.4	1.6	2.8	0.8	1.6	4.0	5.8	84.4	87.5	0.8	1.7	0.6	1.4	0.8	1.6
MAN	0.0	0.5	0.0	0.5	0.0	1.9	0.0	2.8	0.4	4.0	1.6	6.5	78.4	88.2	2.2	7.3	0.4	3.4
SASK	0.0	1.2	0.0	0.0	0.0	1.3	0.0	1.2	0.0	4.0	0.0	3.0	0.0	2.8	82.4	92.3	1.6	7.3
ALTA	0.0	1.2	0.0	0.2	0.4	2.4	0.4	2.2	0.0	0.9	1.5	4.4	2.1	5.6	4.3	8.7	74.9	82.1
BC	0.0	0.3	0.0	0.3	0.2	2.0	0.0	1.2	1.4	4.4	5.8	11.2	1.5	4.6	1.9	5.4	6.2	11.3
1990 Cohort																		
NFLD	56.7	74.4	0.0	2.1	1.5	9.9	0.0	3.1	0.0	5.5	11.8	26.0	0.0	1.8	0.0	0.0	0.0	2.5
PEI	0.0	11.1	27.8	75.0	5.6	44.4	0.0	19.0	0.0	0.0	0.0	16.7	0.0	11.1	0.0	0.0	0.0	16.7
NS	0.7	7.1	0.6	5.5	69.5	83.6	4.1	12.5	0.0	0.0	2.6	11.0	0.0	2.3	0.0	0.0	0.0	0.0
NB	0.0	4.4	0.0	2.1	4.8	16.7	71.3	87.9	0.0	6.5	0.0	3.9	0.0	0.0	0.0	1.9	0.0	3.6
QUE	0.0	0.3	0.0	0.0	0.0	0.5	0.0	0.5	94.6	96.9	2.1	4.1	0.0	0.3	0.0	0.3	0.0	0.3
ONT	0.4	1.1	0.0	0.2	1.1	2.3	0.3	0.9	2.3	4.0	90.1	92.6	0.8	1.7	0.1	0.5	0.2	0.9
MAN	0.0	2.0	0.0	0.3	0.0	1.4	0.0	1.4	0.6	5.5	0.6	5.8	80.5	92.0	1.8	8.8	0.0	2.1
SASK	0.0	1.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	3.4	0.7	7.0	0.7	5.8	80.3	92.0	0.0	5.0
ALTA	0.2	2.1	0.0	0.7	0.0	0.8	0.0	1.2	0.4	2.9	0.7	3.4	1.9	5.4	8.1	13.7	73.1	80.9
BC	0.0	1.1	0.0	0.4	0.6	2.8	0.0	0.9	1.9	5.2	7.3	12.9	1.5	4.9	1.3	4.2	3.8	8.1

Table 6B Percentage Distribution of Pre-School Province by Province at Second Interview: Females - Males

Prov. at Second Int.	Pre-School Province										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	-0.1	0.0	-1.2	-2.8	4.9	-0.8	0.0	0.0	0.0	0.0	0
PEI	2.6	-10.0	11.5	2.3	-1.6	-12.3	9.1	0.0	-1.6	0.0	0
NS	-0.1	-1.4	2.7	-0.8	2.1	0.8	-3.1	0.0	-0.8	0.6	0
NB	2.7	1.0	-2.4	-0.9	-2.8	2.4	0.0	-0.6	0.3	0.3	0
QUE	0.0	0.0	0.1	0.1	-2.6	2.5	0.1	-0.1	-0.1	-0.2	0
ONT	-0.1	0.0	-0.4	0.2	-2.1	1.4	0.9	0.3	0.0	-0.2	0
MAN	0.3	0.1	0.8	0.1	-0.5	2.3	-5.2	-1.7	2.6	1.1	0
SASK	0.0	0.0	0.6	0.0	0.0	-5.6	0.4	6.1	-2.7	1.1	0
ALTA	-0.3	0.1	0.8	0.2	-0.5	-2.0	1.0	-2.8	1.6	1.9	0
BC	0.4	0.0	0.7	-1.1	1.7	-1.9	-0.5	0.3	0.8	-0.5	0
1986 Cohort											
NFLD	-3.8	0.0	-0.7	1.6	0.7	2.3	0.0	0.0	0.0	0.0	0
PEI	-0.1	-1.4	20.0	1.8	1.2	-12.2	0.0	-5.6	-3.8	0.0	0
NS	-1.8	-0.2	2.3	-2.2	-0.5	4.3	-0.6	0.0	0.1	-1.5	0
NB	-2.5	-1.1	2.4	2.7	0.4	-2.2	0.0	0.0	0.3	0.0	0
QUE	0.2	0.0	-0.2	0.5	0.9	-0.6	-0.4	-0.2	-0.2	0.2	0
ONT	-0.2	0.0	1.7	0.0	-1.9	1.7	-1.0	-0.7	0.1	0.3	0
MAN	0.2	0.0	0.3	0.1	2.2	0.3	-2.3	1.0	-1.4	-0.3	0
SASK	-0.7	0.0	-1.0	0.5	1.2	2.3	2.5	3.6	-3.5	-5.0	0
ALTA	0.4	0.0	0.5	-0.8	-0.9	-0.2	0.5	-1.9	4.2	-1.9	0
BC	0.1	-0.1	0.0	0.2	2.7	-0.7	-0.4	1.5	2.0	-5.3	0
1990 Cohort											
NFLD	-7.1	1.2	0.6	-0.7	0.5	7.6	-1.2	0.0	1.4	-2.2	0
PEI	1.6	-11.2	6.5	-0.4	0.0	6.0	-8.5	0.0	5.9	0.0	0
NS	2.3	-3.9	7.3	1.5	0.0	-6.8	-0.4	0.0	0.0	0.0	0
NB	1.8	0.5	-1.2	-2.2	4.3	-2.8	0.0	0.9	-1.8	0.6	0
QUE	0.2	0.0	-0.1	-0.3	-0.6	1.1	-0.2	0.2	-0.3	0.0	0
ONT	0.1	0.0	0.4	0.0	-0.1	0.6	-0.4	-0.2	-0.1	-0.5	0
MAN	-0.6	0.0	-0.9	0.8	1.6	1.3	-2.6	1.1	-0.5	-0.2	0
SASK	-0.6	0.0	1.8	0.0	0.8	4.2	3.2	-11.0	0.3	1.3	0
ALTA	-0.7	0.3	-0.7	0.1	-0.4	-1.4	0.2	0.8	2.0	-0.3	0
BC	0.1	0.1	1.5	-0.1	-4.0	1.8	0.4	0.4	1.5	-1.7	0

Note: Cells where the 95% confidence interval does not include 0 are shaded.

Table 6C Percentage Distribution of Pre-School Province by Province at Second Interview: 95% Confidence Intervals Females - Males

Prov. at Second Int.	Pre-School Province																	
	NFLD		PEI		NS		NB		QUE		ONT		MAN		SASK		ALTA	
1982 Cohort																		
NFLD	-16.2	15.9	-3.6	3.4	-13.1	10.8	-9.1	0.0	0.0	11.9	-3.7	0.0	0.0	0.0	0.0	0.0	-4.3	4.2
PEI	0.0	12.5	-50.0	35.0	-17.5	40.0	-12.5	20.0	-12.5	0.0	-33.3	0.0	0.0	27.3	0.0	0.0	-11.1	0.0
NS	-4.7	4.8	-5.6	2.3	-6.8	16.7	-7.8	6.7	-0.9	6.5	-7.7	8.8	-7.3	0.0	0.0	0.0	-3.9	2.5
NB	0.0	7.5	-4.1	5.7	-13.2	7.5	-17.0	17.1	-15.1	10.7	-2.7	8.7	0.0	0.0	-2.5	0.0	0.0	2.3
QUE	-0.3	0.2	-0.2	0.0	-0.6	0.7	-0.6	1.0	-5.7	0.2	0.1	5.2	-0.4	0.5	-0.3	0.0	-0.9	0.7
ONT	-0.5	0.5	-0.1	0.2	-1.5	0.7	-0.6	1.0	-4.5	0.1	-1.9	4.5	-0.1	2.0	-0.4	1.0	-0.9	0.9
MAN	0.0	1.4	0.0	1.3	-2.7	4.3	-1.6	2.6	-4.7	3.8	-4.6	8.8	-16.1	5.7	-6.6	3.8	-2.7	8.3
SASK	-2.0	2.5	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-14.3	3.2	-5.4	6.3	-5.5	19.7	-12.3	4.8
ALTA	-2.1	1.5	-0.9	1.5	-1.7	3.5	-1.9	2.0	-3.7	2.8	-7.5	3.5	-2.3	4.5	-7.1	1.0	-7.9	8.9
BC	0.0	1.4	0.0	0.0	-2.5	3.9	-3.1	0.8	-0.9	4.9	-7.2	4.0	-2.9	1.9	-3.2	3.4	-4.2	6.4
1986 Cohort																		
NFLD	-16.2	6.7	0.0	0.0	-10.8	9.0	-4.5	8.6	0.0	2.8	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
PEI	-12.5	14.3	-38.7	41.8	-4.8	50.0	-25.0	23.5	0.0	8.3	-30.0	0.0	0.0	0.0	-18.2	0.0	-18.2	10.0
NS	-6.6	3.9	-4.7	4.5	-10.4	13.7	-9.0	4.9	-2.1	0.0	-3.5	12.7	-2.2	0.0	0.0	0.0	-2.5	2.2
NB	-7.1	1.8	-7.3	3.6	-8.3	14.9	-12.3	17.0	-4.0	5.4	-8.1	3.8	0.0	0.0	0.0	0.0	-2.7	3.8
QUE	0.0	0.4	0.0	0.1	-0.9	0.4	-0.2	1.1	-1.0	2.8	-2.0	0.6	-0.8	0.0	-0.7	0.4	-0.8	0.5
ONT	-0.9	0.6	-0.3	0.4	0.6	3.0	-0.9	0.9	-3.5	-0.1	-1.1	4.6	-2.0	-0.2	-1.6	0.1	-0.7	1.1
MAN	0.0	0.9	-1.1	0.8	-2.0	2.6	-2.9	3.3	-1.2	6.0	-4.5	5.0	-11.9	6.9	-4.3	6.3	-5.1	1.6
SASK	-2.5	0.0	0.0	0.0	-2.9	0.0	0.0	2.1	-2.9	5.3	-0.4	6.0	0.0	5.4	-6.4	13.1	-9.2	2.7
ALTA	-1.0	1.7	-0.5	0.4	-1.7	2.5	-2.7	1.1	-2.1	0.0	-3.2	2.9	-3.0	3.8	-6.1	2.6	-2.5	12.2
BC	0.0	0.5	-0.5	0.0	-1.7	2.1	-1.3	1.7	-0.4	5.9	-5.8	4.6	-3.4	3.1	-2.0	4.9	-3.2	7.3
1990 Cohort																		
NFLD	-24.1	12.0	0.0	3.8	-8.6	8.8	-5.5	3.8	-5.5	6.7	-7.3	21.7	-4.7	0.0	0.0	0.0	0.0	4.0
PEI	-20.0	16.7	-63.2	44.4	-31.8	50.0	-28.6	23.1	0.0	0.0	-18.3	25.0	-33.3	0.0	0.0	0.0	-16.7	27.3
NS	-3.7	9.0	-10.0	2.5	-7.1	21.2	-7.7	11.0	0.0	0.0	-15.8	2.4	-3.7	2.6	0.0	0.0	0.0	0.0
NB	-2.9	7.0	-2.7	3.1	-13.4	10.7	-17.8	14.5	-1.5	10.9	-9.4	2.0	0.0	0.0	0.0	3.3	-7.5	2.2
QUE	0.0	0.5	0.0	0.0	-0.7	0.5	-0.8	0.3	-3.0	1.5	-0.8	3.0	-0.6	0.0	0.0	0.5	-0.8	0.0
ONT	-0.6	1.0	-0.2	0.3	-0.7	1.6	-0.7	0.7	-1.6	1.6	-1.9	3.2	-1.3	0.7	-0.6	0.2	-0.8	0.6
MAN	-3.8	1.6	0.0	0.0	-3.3	0.0	0.0	2.7	-3.6	6.0	-3.9	7.1	-12.9	9.4	-6.4	7.8	-3.4	2.7
SASK	-2.3	0.0	0.0	0.0	0.0	5.2	0.0	0.0	-3.8	4.8	-2.3	10.3	-2.0	8.6	-23.4	0.6	-5.0	5.4
ALTA	-2.7	1.2	-0.5	1.3	-1.7	0.0	-1.6	1.4	-3.0	2.2	-4.2	1.4	-3.5	3.5	-4.8	6.7	-6.1	9.6
BC	-1.0	1.4	-0.5	0.5	-0.9	4.0	-1.3	1.0	-7.3	-0.9	-3.5	7.4	-2.7	3.7	-2.7	3.4	-2.8	6.0

Table 6B Percentage Distribution of Pre-School Province by Province at Second Interview: Females - Males

Prov. at Second Int.	Pre-School Province										
	NFLD	*PEI*	*NS*	*NB*	*QUE*	*ONT*	*MAN*	*SASK*	*ALTA*	*BC*	*TOTAL*
1982 Cohort											
NFLD	-0.1	0.0	-1.2	-2.8	4.9	-0.8	0.0	0.0	0.0	0.0	0
PEI	2.6	-10.0	11.5	2.3	-1.6	-12.3	9.1	0.0	-1.6	0.0	0
NS	-0.1	-1.4	2.7	-0.8	2.1	0.8	-3.1	0.0	-0.8	0.6	0
NB	2.7	1.0	-2.4	-0.9	-2.8	2.4	0.0	-0.6	0.3	0.3	0
QUE	0.0	0.0	0.1	0.1	-2.6	2.5	0.1	-0.1	-0.1	-0.2	0
ONT	-0.1	0.0	-0.4	0.2	-2.1	1.4	0.9	0.3	0.0	-0.2	0
MAN	0.3	0.1	0.8	0.1	-0.5	2.3	-5.2	-1.7	2.6	1.1	0
SASK	0.0	0.0	0.8	0.0	0.0	-5.8	0.4	6.1	-2.7	1.1	0
ALTA	-0.3	0.1	0.8	0.2	-0.5	-2.0	1.0	-2.8	1.6	1.9	0
BC	0.4	0.0	0.7	-1.1	1.7	-1.9	-0.5	0.3	0.8	-0.5	0
1986 Cohort											
NFLD	-3.8	0.0	-0.7	1.6	0.7	2.3	0.0	0.0	0.0	0.0	0
PEI	-0.1	-1.4	20.0	1.8	1.2	-12.2	0.0	-5.6	-3.8	0.0	0
NS	-1.8	-0.2	2.3	-2.2	-0.5	4.3	-0.6	0.0	0.1	-1.5	0
NB	-2.5	-1.1	2.4	2.7	0.4	-2.2	0.0	0.0	0.3	0.0	0
QUE	0.2	0.0	-0.2	0.5	0.9	-0.6	-0.4	-0.2	-0.2	0.2	0
ONT	-0.2	0.0	1.7	0.0	-1.9	1.7	-1.0	-0.7	0.1	0.3	0
MAN	0.2	0.0	0.3	0.1	2.2	0.3	-2.3	1.0	-1.4	-0.3	0
SASK	-0.7	0.0	-1.0	0.5	1.2	2.3	2.5	3.6	-3.5	-5.0	0
ALTA	0.4	0.0	0.5	-0.8	-0.9	-0.2	0.5	-1.9	4.2	-1.9	0
BC	0.1	-0.1	0.0	0.2	2.7	-0.7	-0.4	1.5	2.0	-5.3	0
1990 Cohort											
NFLD	-7.1	1.2	0.6	-0.7	0.5	7.6	-1.2	0.0	1.4	-2.2	0
PEI	1.6	-11.2	6.5	-0.4	0.0	6.0	-8.5	0.0	5.9	0.0	0
NS	2.3	-3.9	7.3	1.5	0.0	-6.8	-0.4	0.0	0.0	0.0	0
NB	1.8	0.5	-1.2	-2.2	4.3	-2.8	0.0	0.9	-1.8	0.6	0
QUE	0.2	0.0	-0.1	-0.3	-0.6	1.1	-0.2	0.2	-0.3	0.0	0
ONT	0.1	0.0	0.4	0.0	-0.1	0.6	-0.4	-0.2	-0.1	-0.5	0
MAN	-0.6	0.0	-0.9	0.8	1.6	1.3	-2.6	1.1	-0.5	-0.2	0
SASK	-0.6	0.0	1.8	0.0	0.8	4.2	3.2	-11.0	0.3	1.3	0
ALTA	-0.7	0.3	-0.7	0.1	-0.4	-1.4	0.2	0.8	2.0	-0.3	0
BC	0.1	0.1	1.5	-0.1	-4.0	1.8	0.4	0.4	1.5	-1.7	0

Note: Cells where the 95% confidence interval does not include 0 are shaded.

Table 6C Percentage Distribution of Pre-School Province by Province at Second Interview: 95% Confidence Intervals Females - Males

Prov. at Second Int.	Pre-School Province																	
	NFLD		*PEI*		*NS*		*NB*		*QUE*		*ONT*		*MAN*		*SASK*		*ALTA*	
1982 Cohort																		
NFLD	**-16.2**	**15.9**	-3.6	3.4	-13.1	10.8	-9.1	0.0	0.0	11.9	-3.7	0.0	0.0	0.0	0.0	0.0	-4.3	4.2
PEI	0.0	12.5	**-50.0**	**35.0**	-17.5	40.0	-12.5	20.0	-12.5	0.0	-33.3	0.0	0.0	27.3	0.0	0.0	-11.1	0.0
NS	-4.7	4.8	-5.6	2.3	**-8.8**	**16.7**	-7.8	6.7	-0.9	6.5	-7.7	8.8	-7.3	0.0	0.0	0.0	-3.9	2.5
NB	0.0	7.5	-4.1	5.7	-13.2	7.5	**-17.0**	**17.1**	-15.1	10.7	-2.7	8.7	0.0	0.0	-2.5	0.0	0.0	2.3
QUE	-0.3	0.2	-0.2	0.0	-0.6	0.7	-0.6	1.0	**-5.7**	**0.2**	0.1	5.2	-0.4	0.5	-0.3	0.0	-0.9	0.7
ONT	-0.5	0.5	-0.1	0.2	-1.5	0.7	-0.6	1.0	-4.5	0.1	**-1.9**	**4.5**	-0.1	2.0	-0.4	1.0	-0.9	0.9
MAN	0.0	1.4	0.0	1.3	-2.7	4.3	-1.6	2.6	-4.7	3.8	-4.6	8.8	**-16.1**	**5.7**	-6.6	3.8	-2.7	8.3
SASK	-2.0	2.5	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-14.3	3.2	-5.4	6.3	**-5.5**	**19.7**	-12.3	4.8
ALTA	-2.1	1.5	-0.9	1.5	-1.7	3.5	-1.9	2.0	-3.7	2.8	-7.5	3.5	-2.3	4.5	-7.1	1.0	**-7.9**	**8.9**
BC	0.0	1.4	0.0	0.0	-2.5	3.9	-3.1	0.8	-0.9	4.9	-7.2	4.0	-2.9	1.9	-3.2	3.4	-4.2	6.4
1986 Cohort																		
NFLD	**-18.2**	**6.7**	0.0	0.0	-10.8	9.0	-4.5	8.6	0.0	2.8	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
PEI	-12.5	14.3	**-36.7**	**41.8**	-4.8	50.0	-25.0	23.5	0.0	8.3	-30.0	0.0	0.0	0.0	-18.2	0.0	-18.2	10.0
NS	-6.6	3.9	-4.7	4.5	**-10.4**	**13.7**	-9.0	4.9	-2.1	0.0	-3.5	12.7	-2.2	0.0	0.0	0.0	-2.5	2.2
NB	-7.1	1.8	-7.3	3.6	-8.3	14.9	**-12.3**	**17.0**	-4.0	5.4	-8.1	3.8	0.0	0.0	0.0	0.0	-2.7	3.8
QUE	0.0	0.4	0.0	0.1	-0.9	0.4	-0.2	1.1	**-1.0**	**2.8**	-2.0	0.6	-0.8	0.0	-0.7	0.4	-0.8	0.5
ONT	-0.9	0.6	-0.3	0.4	0.6	3.0	-0.9	0.9	-3.5	-0.1	**-1.1**	**4.6**	-2.0	-0.2	-1.6	0.1	-0.7	1.1
MAN	0.0	0.9	-1.1	0.8	-2.0	2.6	-2.9	3.3	-1.2	6.0	-4.5	5.0	**-11.9**	**6.9**	-4.3	6.3	-5.1	1.6
SASK	-2.5	0.0	0.0	0.0	-2.9	0.0	0.0	2.1	-2.9	5.3	-0.4	6.0	0.0	5.4	**-6.4**	**13.1**	-9.2	2.7
ALTA	-1.0	1.7	-0.5	0.4	-1.7	2.5	-2.7	1.1	-2.1	0.0	-3.2	2.9	-3.0	3.8	-6.1	2.6	**-2.5**	**12.2**
BC	0.0	0.5	-0.5	0.0	-1.7	2.1	-1.3	1.7	-0.4	5.9	-5.8	4.6	-3.4	3.1	-2.0	4.9	-3.2	7.3
1990 Cohort																		
NFLD	**-24.1**	**12.0**	0.0	3.8	-8.6	8.8	-5.5	3.8	-5.5	6.7	-7.3	21.7	-4.7	0.0	0.0	0.0	0.0	4.0
PEI	-20.0	16.7	**-63.2**	**44.4**	-31.8	50.0	-28.6	23.1	0.0	0.0	-18.3	25.0	-33.3	0.0	0.0	0.0	-16.7	27.3
NS	-3.7	9.0	-10.0	2.5	**-7.1**	**21.2**	-7.7	11.0	0.0	0.0	-15.8	2.4	-3.7	2.6	0.0	0.0	0.0	0.0
NB	-2.9	7.0	-2.7	3.1	-13.4	10.7	**-17.8**	**14.5**	-1.5	10.9	-9.4	2.0	0.0	0.0	0.0	3.3	-7.5	2.2
QUE	0.0	0.5	0.0	0.0	-0.7	0.5	-0.8	0.3	**-3.0**	**1.5**	-0.8	3.0	-0.6	0.0	0.0	0.5	-0.8	0.0
ONT	-0.6	1.0	-0.2	0.3	-0.7	1.6	-0.7	0.7	-1.6	1.6	**-1.9**	**3.2**	-1.3	0.7	-0.6	0.2	-0.8	0.6
MAN	-3.8	1.6	0.0	0.0	-3.3	0.0	0.0	2.7	-3.6	6.0	-3.9	7.1	**-12.9**	**9.4**	-6.4	7.8	-3.4	2.7
SASK	-2.3	0.0	0.0	0.0	0.0	5.2	0.0	0.0	-3.8	4.8	-2.3	10.3	-2.0	8.6	**-23.4**	**0.6**	-5.0	5.4
ALTA	-2.7	1.2	-0.5	1.3	-1.7	0.0	-1.6	1.4	-3.0	2.2	-4.2	1.4	-3.5	3.5	-4.8	6.7	**-6.1**	**9.6**
BC	-1.0	1.4	-0.5	0.5	-0.9	4.0	-1.3	1.0	-7.3	-0.9	-3.5	7.4	-2.7	3.7	-2.7	3.4	-2.8	6.0

Table 7A Percentage of Movers and Entrants to Second Interview with 95% Confidence Intervals: Females - Males

Outflows By Pre-School Province

Pre-School Province	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	2.6	-16.7	19.6	-10.7	-30.3	5.6	-0.7	-16.2	18.1
PEI	-1.2	-45.5	40.5	0.2	-38.1	38.0	-8.9	-62.5	38.3
NS	-8.4	-21.5	6.2	8.8	-3.4	20.7	0.0	-16.6	13.1
NB	3.9	-13.5	21.9	-3.2	-20.0	13.0	-3.8	-20.9	12.1
QUE	-2.3	-5.7	1.1	-1.7	-4.4	0.9	-1.5	-4.5	1.7
ONT	0.7	-2.0	3.6	0.3	-1.9	2.2	1.0	-1.1	3.4
MAN	8.6	-3.4	19.7	-10.4	-21.7	-0.9	-3.3	-16.0	10.1
SASK	-12.5	-26.1	0.5	-6.4	-17.3	6.7	4.9	-8.8	19.6
ALTA	2.7	-5.4	10.3	-1.9	-9.4	4.8	-0.1	-6.2	7.2
BC	0.4	-8.2	9.6	-1.7	-9.4	5.8	-1.0	-6.5	4.4
CANADA	-0.2	-2.2	1.7	-0.8	-2.6	1.0	0.1	-1.6	2.4

Inflows By Province at Second interview

Province at Second Interview	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	0.1	-16.0	14.9	3.8	-8.3	18.4	7.1	-11.4	24.0
PEI	10.0	-37.8	47.1	1.4	-33.7	41.7	11.2	-37.5	66.7
NS	-2.7	-16.7	9.7	-2.3	-14.0	10.4	-7.3	-21.0	8.3
NB	0.9	-16.9	17.3	-2.7	-20.3	11.3	2.2	-11.8	20.2
QUE	2.6	-0.7	5.4	-0.9	-2.7	1.1	0.6	-1.7	2.9
ONT	-1.4	-4.5	1.7	-1.7	-4.6	1.0	-0.6	-3.1	1.8
MAN	5.2	-7.1	15.2	2.3	-6.2	11.8	2.6	-7.4	14.0
SASK	-6.1	-19.7	6.9	-3.6	-12.6	6.6	11.0	0.1	22.9
ALTA	-1.6	-9.2	7.1	-4.2	-10.8	3.9	-2.0	-10.2	5.4
BC	0.5	-8.3	10.3	5.3	-2.9	13.8	1.7	-6.9	9.9
CANADA	-0.2	-2.2	1.7	-0.8	-2.6	1.0	0.1	-1.6	2.4

Net Inflows By Pre-School Province

Pre-School Province	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	0.6	-15.4	14.8	5.5	-5.6	19.6	29.5	0.0	62.2
PEI	14.1	-30.8	83.3	2.0	-43.8	50.0	50.2	-50.0	166.7
NS	6.1	-9.6	22.0	0.9	-12.1	15.9	0.7	-15.8	16.9
NB	-0.8	-18.0	16.7	1.0	-12.7	16.9	11.7	-7.4	31.8
QUE	2.7	0.0	5.9	-0.8	-2.4	1.3	1.6	-0.9	4.1
ONT	-1.4	-4.7	2.1	-2.2	-5.8	0.9	1.0	-1.8	3.9
MAN	4.5	-7.1	14.9	5.6	-4.2	15.5	4.7	-4.9	15.6
SASK	-0.9	-16.9	12.5	-2.0	-9.6	5.8	9.1	0.0	19.0
ALTA	-7.7	-19.1	5.6	-2.4	-9.9	8.7	0.9	-10.6	11.8
BC	2.6	-7.9	15.1	8.4	-2.9	21.2	1.4	-10.3	15.1

Note: Cells where 95% confidence interval does not include 0 are shaded

Table 7A Percentage of Movers and Entrants to Second Interview with 95% Confidence Intervals: Females - Males

Outflows By Pre-School Province

Pre-School Province	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	2.6	-16.7	19.6	-10.7	-30.3	5.6	-0.7	-16.2	18.1
PEI	-1.2	-45.5	40.5	0.2	-38.1	38.0	-8.9	-62.5	38.3
NS	-8.4	-21.5	6.2	8.8	-3.4	20.7	0.0	-16.6	13.1
NB	3.9	-13.5	21.9	-3.2	-20.0	13.0	-3.8	-20.9	12.1
QUE	-2.3	-5.7	1.1	-1.7	-4.4	0.9	-1.5	-4.5	1.7
ONT	0.7	-2.0	3.6	0.3	-1.9	2.2	1.0	-1.1	3.4
MAN	8.6	-3.4	19.7	-10.4	-21.7	-0.9	-3.3	-16.0	10.1
SASK	-12.5	-26.1	0.5	-6.4	-17.3	6.7	4.9	-8.8	19.6
ALTA	2.7	-5.4	10.3	-1.9	-9.4	4.8	-0.1	-6.2	7.2
BC	0.4	-8.2	9.6	-1.7	-9.4	5.8	-1.0	-6.5	4.4
CANADA	-0.2	-2.2	1.7	-0.8	-2.6	1.0	0.1	-1.6	2.4

Inflows By Province at Second interview

Province at Second Interview	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	0.1	-16.0	14.9	3.8	-8.3	18.4	7.1	-11.4	24.0
PEI	10.0	-37.8	47.1	1.4	-33.7	41.7	11.2	-37.5	66.7
NS	-2.7	-16.7	9.7	-2.3	-14.0	10.4	-7.3	-21.0	8.3
NB	0.9	-16.9	17.3	-2.7	-20.3	11.3	2.2	-11.8	20.2
QUE	2.6	-0.7	5.4	-0.9	-2.7	1.1	0.6	-1.7	2.9
ONT	-1.4	-4.5	1.7	-1.7	-4.6	1.0	-0.6	-3.1	1.8
MAN	5.2	-7.1	15.2	2.3	-6.2	11.8	2.6	-7.4	14.0
SASK	-6.1	-19.7	6.9	-3.6	-12.6	6.6	11.0	0.1	22.9
ALTA	-1.6	-9.2	7.1	-4.2	-10.8	3.9	-2.0	-10.2	5.4
BC	0.5	-8.3	10.3	5.3	-2.9	13.8	1.7	-6.9	9.9
CANADA	-0.2	-2.2	1.7	-0.8	-2.6	1.0	0.1	-1.6	2.4

Net Inflows By Pre-School Province

Pre-School Province	1982 Cohort			1986 Cohort			1990 Cohort		
	%	Lower	Upper	%	Lower	Upper	%	Lower	Upper
NFLD	0.6	-15.4	14.8	5.5	-5.6	19.6	29.5	0.0	62.2
PEI	14.1	-30.8	83.3	2.0	-43.8	50.0	50.2	-50.0	166.7
NS	6.1	-9.6	22.0	0.9	-12.1	15.9	0.7	-15.8	16.9
NB	-0.8	-18.0	16.7	1.0	-12.7	16.9	11.7	-7.4	31.8
QUE	2.7	0.0	5.9	-0.8	-2.4	1.3	1.6	-0.9	4.1
ONT	-1.4	-4.7	2.1	-2.2	-5.8	0.9	1.0	-1.8	3.9
MAN	4.5	-7.1	14.9	5.6	-4.2	15.5	4.7	-4.9	15.6
SASK	-0.9	-16.9	12.5	-2.0	-9.6	5.8	9.1	0.0	19.0
ALTA	-7.7	-19.1	5.6	-2.4	-9.9	8.7	0.9	-10.6	11.8
BC	2.6	-7.9	15.1	8.4	-2.9	21.2	1.4	-10.3	15.1

Note: Cells where 95% confidence interval does not include 0 are shaded

Table 8A Percentage Distribution of Movers by Type of Move and Pre-School Province: 95% Confidence Intervals

Pre-School Prov.	MOVERS		RETURNERS								NON-RETURNERS							
			as a percentage of movers		moved only to school		moved only to first int.		other returners		as a percentage of movers		moved only to school		moved only to first int.		moved 1st to second int.	
1982 Cohort																		
NFLD	19.2	40.0	5.0	37.9	33.3	100	0.0	66.7	0.0	0.0	62.1	95.0	6.3	47.4	35.7	81.8	0.0	30.8
PEI	40.9	82.6	16.7	75.0	42.9	100	0.0	50.0	0.0	28.6	25.0	83.3	0.0	75.0	0.0	80.0	0.0	40.0
NS	27.8	41.9	2.9	18.2	22.2	100	0.0	66.7	0.0	33.3	81.8	97.1	0.0	10.2	57.4	81.3	14.5	36.7
NB	37.6	55.6	13.6	36.4	12.5	66.7	8.3	60.0	0.0	42.9	63.6	86.4	25.0	57.5	30.6	61.5	2.4	21.6
QUE	13.5	17.5	25.9	39.0	50.7	74.0	14.3	35.3	4.3	20.4	61.0	74.1	19.0	34.1	37.4	54.7	19.0	34.5
ONT	11.6	14.8	13.3	23.1	9.1	32.5	59.0	85.7	0.0	15.0	76.9	86.7	9.9	20.2	51.8	66.0	18.8	31.4
MAN	22.8	35.9	1.5	14.3	0.0	100	0.0	100	0.0	66.7	85.7	98.5	10.4	32.1	32.6	60.5	20.0	45.6
SASK	26.6	40.4	5.9	23.4	0.0	54.5	33.3	100	0.0	33.3	76.6	94.1	13.7	39.0	40.4	68.2	8.3	30.4
ALTA	18.8	27.1	20.3	39.7	47.4	84.0	10.5	44.8	0.0	16.7	60.3	79.7	40.7	66.7	12.1	32.1	16.4	38.3
BC	18.0	27.5	15.5	35.9	50.0	92.9	5.6	47.1	0.0	16.7	64.1	84.5	20.0	46.5	16.2	43.1	21.4	49.1
ALL	17.8	20.1	19.6	25.5	45.1	58.9	30.8	44.7	6.1	14.6	74.5	80.4	21.7	28.3	45.9	53.4	22.0	28.9
1986 Cohort																		
NFLD	27.6	45.7	2.3	21.9	0.0	100	0.0	100	0.0	0.0	78.1	97.7	11.5	42.9	20.0	54.8	20.0	54.8
PEI	51.4	85.2	14.3	55.0	25.0	100	0.0	62.5	0.0	33.3	45.0	85.7	40.0	91.7	0.0	42.9	0.0	33.3
NS	37.9	50.9	7.4	21.1	6.7	54.5	37.5	87.5	0.0	16.7	78.9	92.6	10.0	25.3	36.7	57.3	26.0	46.3
NB	41.7	57.6	11.1	29.4	33.3	81.3	12.5	60.0	0.0	13.3	70.6	88.9	25.9	49.3	27.8	51.7	10.8	31.5
QUE	9.2	12.0	18.5	30.9	43.6	72.2	14.6	41.7	4.9	23.8	69.1	81.5	27.3	43.8	30.9	47.3	18.8	33.1
ONT	7.3	9.6	24.7	38.8	56.8	83.1	7.7	29.1	4.8	22.4	61.3	75.3	12.5	26.1	19.7	35.6	44.9	62.4
MAN	24.4	35.7	9.3	26.0	33.3	87.5	9.1	61.5	0.0	16.7	74.0	90.7	24.1	46.8	21.1	42.4	22.6	44.9
SASK	33.6	45.7	4.1	15.6	25.0	90.9	0.0	54.5	0.0	38.5	84.4	95.9	15.1	32.7	28.2	48.0	29.3	49.5
ALTA	20.9	28.6	15.5	31.1	45.7	82.8	9.5	41.5	0.0	23.8	68.9	84.5	27.6	47.8	28.9	49.4	13.2	31.0
BC	21.6	30.4	19.3	38.5	50.0	85.0	9.1	42.3	0.0	13.6	61.5	80.7	33.8	58.0	15.1	35.1	17.6	39.1
ALL	16.5	18.5	19.9	25.1	54.1	67.2	22.5	35.3	6.4	14.6	74.9	80.1	27.4	34.0	32.7	39.1	29.3	36.0
1990 Cohort																		
NFLD	27.7	45.7	8.1	32.7	44.4	100	0.0	55.6	0.0	0.0	67.3	91.9	8.3	36.7	30.4	65.7	13.8	43.3
PEI	36.4	81.8	0.0	40.0	0.0	100	0.0	100	0.0	100	60.0	100	12.5	83.3	0.0	58.3	0.0	42.9
NS	36.5	50.6	4.4	18.8	14.3	81.8	0.0	60.0	0.0	44.4	81.3	95.6	12.9	32.9	45.8	69.9	10.3	28.8
NB	33.0	50.9	17.0	42.2	28.6	83.3	0.0	40.0	5.6	53.8	57.8	83.0	18.2	50.0	26.7	59.5	9.1	37.5
QUE	9.9	13.6	25.3	40.9	42.9	71.4	18.0	45.9	2.0	17.8	59.1	74.7	26.8	45.7	29.4	49.0	16.7	33.7
ONT	8.3	11.0	20.7	33.6	57.1	83.0	14.3	39.5	0.0	9.3	66.4	79.3	15.7	30.5	17.9	32.6	42.6	59.0
MAN	28.3	41.7	2.9	16.4	0.0	66.7	0.0	80.0	0.0	60.0	83.6	97.1	14.3	37.3	31.9	56.5	17.6	40.3
SASK	40.0	54.1	5.5	20.7	8.3	70.0	30.0	91.7	0.0	0.0	79.3	94.5	7.8	24.7	49.3	71.2	15.1	34.4
ALTA	15.0	22.8	20.9	42.3	50.0	90.0	4.3	38.1	0.0	23.5	57.7	79.1	17.5	43.6	28.1	54.8	15.9	41.3
BC	12.2	19.6	30.6	56.3	69.2	96.4	0.0	23.8	0.0	10.0	43.8	69.4	38.5	72.2	7.4	37.1	9.1	38.1
ALL	15.7	17.8	21.7	27.7	56.7	69.9	20.9	33.5	4.3	12.3	72.3	78.3	24.1	31.2	37.3	45.3	26.8	34.3

Table 8B Percentage Distribution of Movers by Type of Move and Pre-School Province: Females - Males

Pre-School Prov.	MOVERS	RETURNERS				NON-RETURNERS			
		as a percentage of movers	*moved only to school*	*moved only to first int.*	*other returners*	*as a percentage of movers*	*moved 1st to school*	*moved 1st to first interview*	*moved 1st to second interview*
					1982 Cohort				
NFLD	-7.6	-29.8	-15.6	15.6	0.0	29.8	-12.0	25.0	-13.0
PEI	-7.6	-4.8	-6.8	16.3	-9.5	4.8	18.1	-9.9	-8.2
NS	-10.2	-2.0	-12.7	10.2	2.5	2.0	-7.7	-15.0	22.7
NB	-3.1	-13.3	20.6	13.7	-34.3	13.3	13.7	-7.9	-5.8
QUE	3.0	28.3	-5.9	11.9	-6.1	-28.3	-8.5	-4.3	12.8
ONT	-0.5	-8.0	-27.0	32.5	-5.5	8.0	9.8	-16.9	7.1
MAN	8.8	-1.4	71.9	-31.1	-40.9	1.4	14.4	-19.8	5.4
SASK	-14.0	1.4	-5.4	20.4	-15.0	-1.4	18.6	-15.1	-3.4
ALTA	2.9	-2.7	21.6	-22.8	1.2	2.7	-15.2	5.8	9.4
BC	1.2	2.4	-19.8	10.1	9.7	-2.4	0.2	-14.5	14.3
ALL	0.4	2.8	2.7	1.9	-4.7	-2.8	2.1	-10.3	8.2
					1986 Cohort				
NFLD	-6.0	14.8	-0.5	0.5	0.0	-14.8	-16.5	4.9	11.5
PEI	3.0	2.6	18.0	-35.4	17.4	-2.6	7.6	0.5	-8.1
NS	6.6	-7.4	10.8	-21.8	11.1	7.4	5.3	12.5	-17.8
NB	-3.0	1.7	29.6	-20.6	-9.0	-1.7	-6.1	7.6	-1.6
QUE	-1.4	5.8	-11.6	11.7	0.0	-5.8	-1.3	-11.5	12.9
ONT	0.7	2.3	-49.0	26.3	22.8	-2.3	-7.4	-0.3	7.7
MAN	-11.6	2.6	-40.6	30.9	9.7	-2.6	-18.9	1.9	16.9
SASK	-8.8	-4.0	9.6	-11.6	2.0	4.0	-0.7	-12.0	12.7
ALTA	-1.2	3.9	22.3	-17.1	-5.2	-3.9	12.8	-17.2	4.4
BC	-4.6	-6.3	3.7	-0.6	-3.1	6.3	-4.1	-9.3	13.4
ALL	-0.8	1.1	-10.0	4.0	6.0	-1.1	-3.5	-3.2	6.6
					1990 Cohort				
NFLD	-8.9	-16.6	-16.8	16.8	0.0	16.6	12.6	-2.1	-10.5
PEI	-6.3	6.3	20.9	-20.9	0.0	-6.3	-8.6	16.9	-8.3
NS	-1.5	-3.0	36.2	6.1	-42.3	3.0	18.2	-11.8	-6.4
NB	-7.5	-3.5	-4.6	-9.9	14.5	3.5	15.8	-18.7	3.0
QUE	-1.4	4.4	10.9	-20.4	9.5	-4.4	-13.7	4.3	9.3
ONT	-0.2	-11.9	-4.5	-2.5	7.0	11.9	-3.9	10.4	-6.5
MAN	-1.9	4.5	10.5	-6.8	-3.7	-4.5	0.6	26.7	-27.3
SASK	4.8	-1.8	-5.2	5.2	0.0	1.8	-1.3	5.2	-3.9
ALTA	0.7	3.5	-6.0	1.8	4.2	-3.5	5.1	-15.2	10.1
BC	-4.5	-9.9	-27.1	18.6	8.5	9.9	8.9	-14.5	5.6
ALL	-0.8	-4.4	-4.8	-1.0	5.8	4.4	0.1	2.7	-2.8

Note: Cells where the 95% confidence interval does not include 0 are shaded

Table 8B Percentage Distribution of Movers by Type of Move and Pre-School Province: Females - Males

Pre-School Prov.	MOVERS	RETURNERS				NON-RETURNERS			
		as a percentage of movers	*moved only to school*	*moved only to first int.*	*other returners*	*as a percentage of movers*	*moved 1st to school*	*moved 1st to first interview*	*moved 1st to second interview*
					1982 Cohort				
NFLD	-7.6	-29.8	-15.6	15.6	0.0	29.8	-12.0	25.0	-13.0
PEI	-7.6	-4.8	-6.8	16.3	-9.5	4.8	18.1	-9.9	-8.2
NS	-10.2	-2.0	-12.7	10.2	2.5	2.0	-7.7	-15.0	22.7
NB	-3.1	-13.3	20.6	13.7	-34.3	13.3	13.7	-7.9	-5.8
QUE	3.0	28.3	-5.9	11.9	-6.1	-28.3	-8.5	-4.3	12.8
ONT	-0.5	-8.0	-27.0	32.5	-5.5	8.0	9.8	-16.9	7.1
MAN	8.8	-1.4	71.9	-31.1	-40.9	1.4	14.4	-19.8	5.4
SASK	-14.0	1.4	-5.4	20.4	-15.0	-1.4	18.6	-15.1	-3.4
ALTA	2.9	-2.7	21.6	-22.8	1.2	2.7	-15.2	5.8	9.4
BC	1.2	2.4	-19.8	10.1	9.7	-2.4	0.2	-14.5	14.3
ALL	0.4	2.8	2.7	1.9	-4.7	-2.8	2.1	-10.3	8.2
					1986 Cohort				
NFLD	-6.0	14.8	-0.5	0.5	0.0	-14.8	-16.5	4.9	11.5
PEI	3.0	2.6	18.0	-35.4	17.4	-2.6	7.6	0.5	-8.1
NS	6.6	-7.4	10.8	-21.8	11.1	7.4	5.3	12.5	-17.8
NB	-3.0	1.7	29.6	-20.6	-9.0	-1.7	-6.1	7.6	-1.6
QUE	-1.4	5.8	-11.6	11.7	0.0	-5.8	-1.3	-11.5	12.9
ONT	0.7	2.3	-49.0	26.3	22.8	-2.3	-7.4	-0.3	7.7
MAN	-11.6	2.6	-40.6	30.9	9.7	-2.6	-18.9	1.9	16.9
SASK	-8.8	-4.0	9.6	-11.6	2.0	4.0	-0.7	-12.0	12.7
ALTA	-1.2	3.9	22.3	-17.1	-5.2	-3.9	12.8	-17.2	4.4
BC	-4.6	-6.3	3.7	-0.6	-3.1	6.3	-4.1	-9.3	13.4
ALL	-0.8	1.1	-10.0	4.0	6.0	-1.1	-3.5	-3.2	6.6
					1990 Cohort				
NFLD	-8.9	-16.6	-16.8	16.8	0.0	16.6	12.6	-2.1	-10.5
PEI	-6.3	6.3	20.9	-20.9	0.0	-6.3	-8.6	16.9	-8.3
NS	-1.5	-3.0	36.2	6.1	-42.3	3.0	18.2	-11.8	-6.4
NB	-7.5	-3.5	-4.6	-9.9	14.5	3.5	15.8	-18.7	3.0
QUE	-1.4	4.4	10.9	-20.4	9.5	-4.4	-13.7	4.3	9.3
ONT	-0.2	-11.9	-4.5	-2.5	7.0	11.9	-3.9	10.4	-6.5
MAN	-1.9	4.5	10.5	-6.8	-3.7	-4.5	0.6	26.7	-27.3
SASK	4.8	-1.8	-5.2	5.2	0.0	1.8	-1.3	5.2	-3.9
ALTA	0.7	3.5	-6.0	1.8	4.2	-3.5	5.1	-15.2	10.1
BC	-4.5	-9.9	-27.1	18.6	8.5	9.9	8.9	-14.5	5.6
ALL	-0.8	-4.4	-4.8	-1.0	5.8	4.4	0.1	2.7	-2.8

Note: Cells where the 95% confidence interval does not include 0 are shaded

Table 8C Percentage Distribution of Movers by Type of Move and Pre-School Province: 95% Confidence Intervals: Females - Males

Pre-School Prov.	MOVERS		RETURNERS: as a percentage of movers		RETURNERS: moved only to school		RETURNERS: moved only to first int.		RETURNERS: other returners		NON-RETURNERS: as a percentage of movers		NON-RETURNERS: moved only to school		NON-RETURNERS: moved only to first int.		NON-RETURNERS: moved 1st to second int.	
1982 Cohort																		
NFLD	-28.0	14.1	-60.0	2.8	-100.0	50.0	-75.0	100.0	0.0	100.0	-2.8	60.0	-55.6	31.9	-22.2	75.0	-50.0	22.7
PEI	-51.8	36.1	-66.7	55.0	-100.0	66.7	-33.3	100.0	-66.7	100.0	-55.0	66.7	-52.8	100.0	-100.0	66.7	-100.0	50.0
NS	-24.0	3.3	-18.9	11.4	-100.0	60.0	-60.0	100.0	-33.3	100.0	-11.4	18.9	-18.5	3.7	-35.7	11.5	0.9	44.6
NB	-20.8	16.0	-35.7	9.4	-40.0	83.3	-50.0	71.4	-66.7	0.0	-9.4	35.7	-17.3	45.6	-37.7	24.2	-26.0	16.0
QUE	-1.1	7.1	17.7	41.1	-32.5	25.0	-11.4	34.0	-28.2	14.0	-41.1	-17.7	-25.7	4.3	-19.9	14.3	-2.4	29.2
ONT	-3.6	3.0	-17.8	2.3	-46.1	-5.7	10.7	57.6	-21.2	8.3	-2.3	17.8	-0.9	20.2	-32.3	-3.7	-6.0	19.0
MAN	-3.9	21.7	-16.5	13.1	0.0	100.0	-100.0	66.7	-100.0	50.0	-13.1	16.5	-9.1	35.0	-45.3	9.3	-23.3	27.9
SASK	-28.6	-0.7	-17.6	19.5	-75.0	66.7	-55.6	100.0	-100.0	33.3	-19.5	17.6	-7.6	43.8	-42.3	11.9	-24.2	19.1
ALTA	-6.6	10.3	-23.0	17.7	-16.1	60.3	-56.0	13.5	-20.0	22.2	-17.7	23.0	-40.6	9.0	-13.8	26.4	-13.9	32.8
BC	-8.5	11.4	-20.6	21.6	-60.0	30.0	-33.3	50.0	0.0	30.0	-21.6	20.6	-30.0	22.2	-37.5	13.8	-13.6	41.1
ALL	-2.1	2.7	-3.0	8.7	-12.5	15.4	-11.3	16.7	-13.1	4.1	-8.7	3.0	-4.4	8.3	-17.6	-2.5	1.8	15.1
1986 Cohort																		
NFLD	-26.2	14.3	-7.1	35.0	-66.7	100.0	-75.0	100.0	-100.0	0.0	-35.0	7.1	-47.6	14.2	-34.6	37.5	-24.0	46.7
PEI	-35.0	35.7	-44.4	45.5	-66.7	100.0	-100.0	33.3	-60.0	100.0	-45.5	44.4	-50.0	66.7	-50.0	46.7	-50.0	37.5
NS	5.7	20.3	-21.6	6.6	-50.0	52.4	-75.0	29.2	0.0	33.3	-6.6	21.6	-10.4	22.4	-9.3	32.2	-38.1	3.6
NB	-18.5	13.2	-17.2	18.6	-26.7	72.7	-66.7	31.4	-30.0	0.0	-18.6	17.2	-30.9	16.4	-16.5	33.3	-21.2	17.0
QUE	-4.5	1.3	-7.5	18.2	-38.0	18.2	-12.1	39.2	-20.4	21.7	-18.2	7.5	-18.9	14.0	-27.1	5.0	-2.2	28.3
ONT	-1.5	3.1	-11.8	15.4	-70.1	-27.5	6.4	45.2	6.9	39.1	-15.4	11.8	-22.2	7.2	-15.6	15.9	-9.7	26.2
MAN	-22.4	-0.4	-13.9	20.1	-85.7	12.5	-16.7	83.3	0.0	37.5	-20.1	13.9	-40.9	6.0	-21.8	23.8	-6.1	40.5
SASK	-21.3	3.9	-15.0	7.8	-71.4	80.0	-75.0	50.0	-50.0	83.3	-7.8	15.0	-17.7	17.4	-32.9	8.0	-8.3	34.1
ALTA	-8.3	7.5	-10.5	19.7	-17.1	60.0	-56.3	14.4	-33.3	20.0	-19.7	10.5	-7.7	32.9	-38.6	1.4	-11.4	23.9
BC	-13.7	3.9	-25.5	11.7	-32.1	41.8	-38.1	33.3	-20.0	14.3	-11.7	25.5	-26.4	22.0	-27.9	12.6	-10.9	35.2
ALL	-3.0	1.1	-3.9	6.7	-22.5	1.6	-8.1	15.8	-0.8	14.3	-6.7	3.9	-9.9	3.4	-10.2	3.9	0.4	14.0
1990 Cohort																		
NFLD	-27.1	9.8	-41.1	9.8	-100.0	37.5	-37.5	100.0	0.0	100.0	-9.8	41.1	-16.7	41.5	-36.9	30.3	-40.6	23.8
PEI	-55.6	33.9	-50.0	52.4	-100.0	100.0	-100.0	100.0	-100.0	100.0	-60.0	50.0	-83.3	66.7	-66.7	83.3	-80.0	50.0
NS	-16.7	13.1	-17.8	11.8	-33.3	100.0	-60.0	80.0	-100.0	0.0	-11.8	17.8	-2.2	36.2	-38.1	9.1	-29.0	12.5
NB	-28.1	9.0	-32.9	21.1	-66.7	45.8	-50.0	37.5	-33.3	66.7	-21.1	32.9	-17.1	48.2	-54.0	14.3	-28.8	30.0
QUE	-5.2	2.3	-11.8	19.6	-20.2	36.6	-46.2	8.1	-8.0	24.1	-19.6	11.8	-33.5	5.0	-16.8	22.8	-7.7	25.8
ONT	-3.3	2.3	-25.9	1.1	-28.2	24.8	-26.7	21.8	-4.8	19.4	-1.1	25.9	-19.7	10.2	-4.9	25.2	-24.4	10.2
MAN	-14.7	10.9	-8.1	19.4	-66.7	100.0	-100.0	75.0	-100.0	50.0	-19.4	8.1	-23.0	23.8	3.3	52.0	-48.8	-3.2
SASK	-9.0	19.7	-16.7	12.0	-68.9	50.0	-55.6	68.9	0.0	0.0	-12.0	16.7	-18.4	14.3	-17.1	25.1	-23.3	16.8
ALTA	-6.5	9.2	-19.9	24.7	-46.3	37.5	-33.3	37.6	-20.0	33.3	-24.7	19.9	-20.8	30.0	-44.5	14.8	-16.0	38.6
BC	-12.4	2.5	-35.4	17.7	-60.4	7.7	-10.0	50.0	0.0	27.3	-17.7	35.4	-24.3	50.0	-39.9	15.0	-28.6	35.7
ALL	-3.1	1.3	-11.0	1.6	-17.6	9.2	-12.5	11.6	-2.1	13.7	-1.6	11.0	-7.1	7.0	-5.2	10.4	-10.5	4.2

Table 9A Percentage Differences Between Movers by Field of Study and Average Movers, by Pre-School Province: 95% Confidence Intervals

Pre-School Province	ALLED		FINEHU		COMMER		ECN		OTHSSC		AGBIOS		ENGCSC		OTHHEA		MATHPH		MOVERS	
1982 Cohort																				
NFLD	-10.8	10.8	-16.1	-3.0	-16.1	19.7	-16.1	-3.0	-16.1	-3.0	-16.7	85.9	-4.3	40.8	-16.1	-3.0	-16.1	-3.0	3.0	16.1
PEI	-5.7	78.6	-59.1	-16.7	-59.1	-16.7	-57.1	75.0	-54.5	65.4	-53.8	70.6	-41.7	80.0	-50.0	80.0	-59.1	-16.7	16.7	59.1
NS	-5.5	3.2	-5.6	14.7	-6.9	2.0	-6.5	-1.0	-5.4	5.6	-7.1	7.2	-5.5	15.6	-7.1	8.5	-6.9	29.7	1.0	6.5
NB	-25.7	-7.4	-13.8	39.7	-14.1	18.3	-28.2	-12.2	-10.9	42.6	-21.0	85.7	-20.7	9.8	-19.5	39.3	-25.0	86.8	12.2	28.2
QUE	-3.6	0.7	-0.9	7.5	-4.7	-0.5	-6.0	19.0	-2.5	4.9	-6.6	5.2	-1.7	5.6	-7.1	-1.3	-6.3	11.5	4.5	7.2
ONT	-1.9	1.7	-0.4	3.8	-1.2	3.1	-3.1	-0.1	-0.8	2.7	-3.2	-0.9	-2.8	-0.6	-3.0	2.2	-2.5	2.8	1.5	3.1
MAN	-8.3	1.1	-9.3	11.5	-9.1	-2.4	-9.1	-2.4	1.5	21.6	-9.1	-2.4	-8.1	8.2	-9.5	5.9	-10.5	36.4	2.4	9.1
SASK	-9.7	1.5	-12.3	24.8	-13.6	-4.8	-9.4	76.3	-12.4	20.4	-12.5	22.8	-13.0	4.6	-8.6	23.4	-14.2	55.8	4.8	13.6
ALTA	-11.5	1.7	0.3	26.7	-10.9	6.1	6.8	50.5	-9.4	9.8	-14.5	26.4	-11.1	2.6	-16.5	-4.5	-16.8	19.9	9.6	16.6
BC	-8.4	3.2	-4.9	16.5	-9.9	5.1	-12.4	8.4	-10.8	1.6	-8.1	26.9	-2.9	19.2	-11.6	3.0	-11.7	-5.0	5.0	11.7
ALL	-2.6	0.1	0.5	4.9	-3.0	-0.1	-0.2	9.2	-1.1	2.3	-2.8	3.4	-1.5	1.8	-3.9	0.6	-3.7	2.5	5.1	6.6
1986 Cohort																				
NFLD	-15.9	0.6	-17.5	84.8	-17.6	11.6	-21.1	90.3	-25.0	18.5	-17.4	91.2	-20.8	35.1	-22.7	38.3	-20.0	90.8	6.3	22.4
PEI	-64.3	-25.0	-56.5	68.4	-56.7	1.6	-64.3	-25.0	-61.9	47.6	-41.2	76.2	-39.1	72.7	-43.8	76.2	-64.3	-25.0	25.0	64.3
NS	-4.4	16.7	-12.0	1.9	-8.6	5.9	-11.9	91.3	-6.8	10.9	-12.0	-4.7	-4.8	19.0	-12.0	-4.7	-12.0	-4.7	4.7	12.0
NB	-16.4	9.0	-28.2	9.4	-10.8	14.1	-29.1	28.6	-17.1	10.3	13.8	81.1	-21.1	6.4	-12.8	40.0	-27.2	-14.4	14.4	27.2
QUE	-3.5	1.2	0.3	6.6	-5.5	-3.3	-4.7	10.5	0.7	7.8	-1.3	12.6	-1.9	1.9	-5.0	0.8	-5.0	9.1	3.5	5.6
ONT	-2.0	2.8	0.7	5.9	-2.8	0.5	-3.7	-0.8	-0.9	2.3	-3.8	-0.1	-3.1	-0.8	-3.5	4.4	-1.3	4.7	2.3	3.8
MAN	-8.4	4.5	-11.8	14.7	-15.1	-4.4	-15.2	30.8	-2.6	17.3	-13.9	13.8	-3.3	19.4	-16.6	2.9	-15.3	-7.5	7.5	15.3
SASK	-6.0	6.4	-7.5	23.8	-9.3	7.5	-12.9	29.8	-10.5	3.5	-12.9	36.0	-11.1	3.7	-10.6	14.0	-14.7	37.4	5.1	12.6
ALTA	-6.7	2.2	-7.7	4.5	-5.5	9.5	-9.6	91.1	3.2	26.3	-10.1	15.0	-11.7	-3.2	-11.9	8.3	-13.0	-7.0	7.0	13.0
BC	-8.2	15.9	-6.8	11.2	-9.3	6.9	-17.3	1.2	-7.3	7.6	-16.9	0.8	-4.5	16.3	-15.7	8.5	-14.7	16.0	10.2	17.4
ALL	-1.4	1.9	0.2	3.8	-4.1	-1.6	-4.2	1.7	0.3	3.7	-1.7	5.1	-2.3	0.5	-2.7	2.6	-3.7	1.9	5.8	7.2
1990 Cohort																				
NFLD	-13.5	-0.5	-12.9	13.8	-9.9	17.7	-16.2	-4.8	-11.6	20.2	-14.2	90.0	-15.9	27.7	-14.1	35.1	-18.5	52.5	4.8	16.2
PEI	-61.5	38.9	-54.5	-9.1	-47.4	20.5	-54.5	-9.1	-60.0	33.8	-54.5	-9.1	-25.0	84.6	-47.1	83.3	-54.5	-9.1	9.1	54.5
NS	-8.0	19.0	-11.3	36.7	-16.4	-2.2	-21.2	39.7	-3.8	24.2	-18.2	18.7	-14.3	10.2	-18.1	-7.4	-18.1	-7.4	7.4	18.1
NB	-23.2	-4.3	-4.7	55.4	-15.4	9.4	-23.1	-8.9	-16.2	13.7	-27.6	38.7	-19.6	16.4	-9.7	52.3	-23.1	59.2	8.9	23.1
QUE	-5.8	-2.6	0.7	11.3	-2.4	2.3	-6.3	-4.0	0.6	10.5	-6.0	3.1	-3.3	1.6	-5.5	2.2	-5.8	6.4	4.0	6.3
ONT	-0.1	4.1	-1.7	1.8	-2.5	0.8	-3.1	2.9	-1.4	2.0	-4.0	1.8	-3.3	0.6	-3.6	2.2	-3.9	3.0	2.5	4.2
MAN	-13.4	-1.9	4.4	41.6	-2.1	27.0	-14.1	-5.3	-11.0	1.9	-14.1	-5.3	-13.5	11.3	-13.5	12.2	-14.1	-5.3	5.3	14.1
SASK	-7.6	2.4	-10.2	30.1	-12.8	2.9	-13.2	-4.4	-8.5	14.8	-12.9	26.7	-7.1	28.5	-13.6	5.6	-13.2	-4.4	4.4	13.2
ALTA	-9.1	-2.1	8.2	40.0	-6.7	9.0	-11.1	21.0	-3.9	11.1	-11.2	-5.4	-7.4	6.2	-11.2	-5.4	-11.2	15.9	5.4	11.2
BC	-7.0	11.0	-11.2	4.6	-7.8	9.7	-15.8	-8.4	-10.4	1.9	-15.0	4.7	-0.9	24.7	-8.6	20.4	-16.1	10.9	8.4	15.8
ALL	-2.9	-0.3	1.4	5.5	-1.8	1.2	-5.9	-1.2	-0.3	2.9	-5.0	0.1	-1.6	2.2	-2.8	2.5	-4.3	2.3	5.5	6.9

Column definitions:

AGBIOS: Agricultural and biological sciences
ALLED: All education, including library sciences and non-teaching related field
COMMER: Commerce
ECN: Economics
ENGCSC: Engineering and computer sciences
FINEHU: Fine arts and humanities
MATHPH: Mathematics and physical sciences
MOVERS: All movers to school regardless of field
OTHHEA: Other health; no doctors or dentists
OTHSSC: Other social sciences (i.e. not commerce, law or economics)

Table 9B Percentage Differences Between Movers by Field of Study and Average Movers, by Pre-School Province: Females – Males

Pre-School Province	ALLED	FINEHU	COMMER	ECN	OTHSSC	AGBIOS	ENGCSC	OTHHEA	MATHPH	MOVERS
1982 Cohort										
NFLD	9.1	8.7	-8.0	8.7	8.7	38.9	-22.3	8.7	8.7	-8.7
PEI	3.6	3.6	3.6	-68.6	45.4	-59.2	-75.5	103.6	3.6	-3.6
NS	-3.3	-7.9	6.0	3.4	-1.9	6.3	5.7	6.2	-8.9	-3.4
NB	-1.9	-11.9	17.6	-4.4	12.9	-16.7	-20.5	25.6	-68.5	4.4
QUE	-0.1	2.5	2.1	-18.9	3.2	5.5	-9.9	0.2	23.4	1.2
ONT	0.1	1.8	-3.6	-0.5	-1.8	0.5	0.5	-2.6	-1.1	-0.1
MAN	-5.9	1.0	-9.0	-9.0	20.2	-9.0	29.2	-5.3	-26.1	9.0
SASK	-5.4	4.1	-1.0	66.8	-19.6	18.8	-5.8	-45.7	-25.8	1.0
ALTA	7.0	11.0	19.1	14.2	-5.6	15.0	-0.5	2.5	-20.4	0.8
BC	-4.7	18.5	-11.1	-7.2	1.3	22.5	17.4	0.7	-2.4	2.4
ALL	-0.1	3.0	0.4	-0.9	0.2	3.7	-2.4	-1.7	-1.4	0.7
1986 Cohort										
NFLD	16.5	2.6	-10.4	-92.7	18.0	87.8	-13.0	-92.7	-60.9	-7.3
PEI	-4.2	25.1	15.6	-4.2	43.8	-4.2	-89.8	-4.2	-4.2	4.2
NS	11.2	-13.2	-0.4	34.9	10.0	-4.6	2.2	-4.6	-4.6	4.6
NB	-2.1	15.4	0.1	-7.0	20.3	-33.0	-13.0	-70.2	2.7	-2.7
QUE	1.7	-5.5	1.1		-1.8	-10.9	-0.8		7.5	-0.8
ONT	0.9	2.6	-1.9	-0.5		1.6	-0.7	-24.9		-0.6
MAN	-10.5	-18.0		17.1	-1.7		-9.6			-11.2
SASK	-4.2	-16.1	-10.5	53.3	5.4	36.4	-8.0	9.2	-9.7	2.4
ALTA	-7.4	-0.4	9.3	-12.3	-1.2	-22.4	-2.4	7.9	-0.1	0.1
BC	-29.9	6.5	6.5	2.8	-4.7	-0.1	8.3	15.1	-16.5	-3.3
ALL	-2.2	-1.9	0.6			-2.3	-0.7	-6.5	5.5	-1.0
1990 Cohort										
NFLD	2.8	13.5	-7.8	-1.3	15.0	-73.4	40.2	-20.0	-25.9	1.3
PEI	24.7	2.2	-17.1	2.2	22.6	2.2	25.8	102.2	2.2	-2.2
NS	9.5	-6.2	-9.4	30.0	-2.4	6.1	-0.3	-7.9	-7.9	7.9
NB	3.7		-12.0	-0.4	-35.8	28.0	30.7	-3.6	-42.4	0.4
QUE	0.2	4.6	3.1	0.2		-2.2	3.5	4.4	-2.5	-0.2
ONT	-2.0	-1.3	-2.1	-3.4	0.3	1.7	1.1	-3.0	8.0	-0.4
MAN	2.7	30.5		-0.6	0.3	-0.6	-7.4	8.1	-0.6	0.6
SASK	-1.6	-1.0	-6.8	0.3	13.9			5.6	0.3	-0.3
ALTA	-2.3	-23.0	8.2	-12.8		-1.0		-1.0	16.3	1.0
BC	11.9	4.8		4.6	-3.3	11.4	-3.7	17.5	-4.9	-4.6
ALL	0.4	2.1	-2.6	-2.2	-1.8	1.8	2.7	2.4	2.1	-0.1

Note: Last column excepted, cells where the 95% confidence interval does not include 0 are shaded.

Column definitions:

AGBIOS: Agricultural and biological sciences
ALLED: All education, including library sciences and non-teaching related field
COMMER: Commerce
ECN: Economics
ENGCSC: Engineering and computer sciences
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MOVERS: All movers to school regardless of field
OTHHEA: Other health; no doctors or dentists
OTHSSC: Other social sciences (i.e. not commerce, law or economics)

Table 9B Percentage Differences Between Movers by Field of Study and Average Movers, by Pre-School Province: Females – Males

Pre-School Province	ALLED	FINEHU	COMMER	ECN	OTHSSC	AGBIOS	ENGCSC	OTHHEA	MATHPH	MOVERS
1982 Cohort										
NFLD	9.1	8.7	-8.0	8.7	8.7	38.9	-22.3	8.7	8.7	-8.7
PEI	3.6	3.6	3.6	-68.6	45.4	-59.2	-75.5	103.6	3.6	-3.6
NS	-3.3	-7.9	6.0	3.4	-1.9	6.3	5.7	6.2	-8.9	-3.4
NB	-1.9	-11.9	17.6	-4.4	12.9	-16.7	-20.5	25.6	-68.5	4.4
QUE	-0.1	2.5	2.1	-18.9	3.2	5.5	-9.9	0.2	23.4	1.2
ONT	0.1	1.8	-3.6	-0.5	-1.8	0.5	0.5	-2.6	-1.1	-0.1
MAN	-5.9	1.0	-9.0	-9.0	20.2	-9.0	29.2	-5.3	-26.1	9.0
SASK	-5.4	4.1	-1.0	66.8	-19.6	18.8	-5.8	-45.7	-25.8	1.0
ALTA	7.0	11.0	19.1	14.2	-5.6	15.0	-0.5	2.5	-20.4	0.8
BC	-4.7	18.5	-11.1	-7.2	1.3	22.5	17.4	0.7	-2.4	2.4
ALL	-0.1	3.0	0.4	-0.9	0.2	3.7	-2.4	-1.7	-1.4	0.7
1986 Cohort										
NFLD	16.5	2.6	-10.4	-92.7	18.0	87.8	-13.0	-92.7	-60.9	-7.3
PEI	-4.2	25.1	15.6	-4.2	43.8	-4.2	-89.8	-4.2	-4.2	4.2
NS	11.2	-13.2	-0.4	34.9	10.0	-4.6	2.2	-4.6	-4.6	4.6
NB	-2.1	15.4	0.1	-7.0	20.3	-33.0	-13.0	-70.2	2.7	-2.7
QUE	1.7	-5.5	1.1		-1.8	-10.9	-0.8		7.5	-0.8
ONT	0.9	2.6	-1.9	-0.5		1.6	-0.7	-24.9		-0.6
MAN	-10.5	-18.0		17.1	-1.7		-9.6			-11.2
SASK	-4.2	-16.1	-10.5	53.3	5.4	36.4	-8.0	9.2	-9.7	2.4
ALTA	-7.4	-0.4	9.3	-12.3	-1.2	-22.4	-2.4	7.9	-0.1	0.1
BC	-29.9	6.5	6.5	2.8	-4.7	-0.1	8.3	15.1	-16.5	-3.3
ALL	-2.2	-1.9	0.6			-2.3	-0.7	-6.5	5.5	-1.0
1990 Cohort										
NFLD	2.8	13.5	-7.8	-1.3	15.0	-73.4	40.2	-20.0	-25.9	1.3
PEI	24.7	2.2	-17.1	2.2	22.6	2.2	25.8	102.2	2.2	-2.2
NS	9.5	-6.2	-9.4	30.0	-2.4	6.1	-0.3	-7.9	-7.9	7.9
NB	3.7		-12.0	-0.4	-35.8	28.0	30.7	-3.6	-42.4	0.4
QUE	0.2	4.6	3.1	0.2		-2.2	3.5	4.4	-2.5	-0.2
ONT	-2.0	-1.3	-2.1	-3.4	0.3	1.7	1.1	-3.0	8.0	-0.4
MAN	2.7	30.5		-0.6	0.3	-0.6	-7.4	8.1	-0.6	0.6
SASK	-1.6	-1.0	-6.8	0.3	13.9			5.6	0.3	-0.3
ALTA	-2.3	-23.0	8.2	-12.8		-1.0		-1.0	16.3	1.0
BC	11.9	4.8		4.6	-3.3	11.4	-3.7	17.5	-4.9	-4.6
ALL	0.4	2.1	-2.6	-2.2	-1.8	1.8	2.7	2.4	2.1	-0.1

Note: Last column excepted, cells where the 95% confidence interval does not include 0 are shaded.

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MATHPH: Mathematics and physical sciences

MOVERS: All movers to school regardless of field

OTHHEA: Other health; no doctors or dentists

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Table 9C Percentage Differences Between Movers by Field of Study and Average Movers, by Pre-School Province: 95% Confidence Intervals: Females - Males

Pre-School Province	ALLED		FINEHU		COMMER		ECN		OTHSSC		AGBIOS		ENGCSC		OTHHEA		MATHPH		MOVERS	
1982 Cohort																				
NFLD	-17.1	30.8	-5.0	23.5	-41.3	20.0	-5.0	23.5	-5.0	23.5	-2.8	109	-44.6	1.3	-5.0	23.5	-5.0	23.5	-23.5	5.0
PEI	-71.7	108	-37.5	50.0	-37.5	50.0	-107	50.0	-28.6	118	-115	38.1	-125	22.2	-30.0	135	-37.5	50.0	-50.0	37.5
NS	-14.7	9.2	-63.5	44.6	-4.4	21.7	-2.9	9.7	-18.5	12.2	-2.6	19.1	-19.6	48.2	-2.4	17.3	-37.9	10.5	-9.7	2.9
NB	-20.3	15.8	-77.9	45.1	-22.7	53.0	-22.0	9.3	-45.3	67.0	-111	93.7	-41.4	-1.4	-6.2	55.7	-114	7.3	-9.3	22.0
QUE	-4.9	5.3	-5.4	9.9	-3.3	7.3	-35.7	-0.5	-4.1	9.7	-7.5	19.2	-13.7	-5.8	-4.0	4.0	-3.6	49.6	-1.4	4.0
ONT	-3.8	3.2	-2.8	6.1	-7.3	0.8	-2.8	1.6	-6.2	2.4	-1.2	2.9	-2.4	4.6	-17.3	5.3	-6.7	4.5	-1.7	1.2
MAN	-13.9	1.2	-15.3	20.6	-16.1	-2.5	-16.1	-2.5	5.2	39.0	-16.1	-2.5	-13.7	93.9	-16.1	5.7	-65.3	-2.6	2.5	16.1
SASK	-20.1	7.3	-34.5	46.4	-9.5	7.7	2.3	105	-58.1	11.0	-16.3	56.7	-16.7	5.7	-101	18.1	-93.3	6.3	-7.7	9.5
ALTA	-6.9	18.1	-16.4	40.1	-5.5	40.4	-54.3	75.4	-27.5	11.1	-29.4	57.5	-17.9	19.8	-6.8	11.7	-49.7	5.7	-6.1	9.1
BC	-21.5	10.2	3.0	34.8	-22.9	0.4	-22.2	4.9	-10.8	11.4	-13.4	57.8	-25.5	80.3	-7.6	12.4	-8.6	5.1	-5.1	8.6
ALL	-2.8	3.1	-1.4	7.2	-3.1	3.8	-11.2	10.5	-3.4	3.7	-3.0	9.5	-6.6	2.9	-9.2	5.1	-8.3	4.9	-0.6	2.2
1986 Cohort																				
NFLD	-1.7	32.0	-97.7	99.1	-38.9	15.3	-103	22.8	-11.1	59.6	-1.3	120	-50.5	15.4	-106	16.3	-102	19.7	-22.8	11.7
PEI	-48.6	40.7	-105	117	-50.4	99.0	-48.6	40.7	-27.0	107	-118	114	-144	-22.2	-107	126	-48.6	40.7	-40.7	48.6
NS	-6.5	30.1	-27.1	0.7	-13.7	12.9	-11.8	97.7	-2.9	22.7	-11.5	3.0	-27.4	35.1	-11.5	3.0	-11.5	3.0	-3.0	11.5
NB	-29.7	21.3	9.8	45.8	-27.0	25.2	-48.1	19.7	-5.2	45.0	-100	38.8	-30.4	4.8	-91.6	51.2	-11.7	15.1	-15.1	11.7
QUE	-3.6	6.8	-12.6	1.4	-0.8	3.3	0.2	47.7	-9.7	5.5	-27.2	1.0	-4.7	3.5	0.1	7.4	-9.8	29.7	-2.9	1.0
ONT	-3.6	6.2	-2.3	7.7	-4.8	1.2	-2.9	2.0	-16.7	-4.2	-1.8	5.8	-2.5	1.2	-60.0	6.7	0.4	17.7	-2.2	0.8
MAN	-28.0	7.6	-44.8	14.2	3.9	25.3	-43.4	72.6	-22.5	20.6	2.8	81.7	-22.9	1.4	2.7	27.5	2.7	18.9	-18.9	-2.7
SASK	-18.9	8.9	-52.0	23.0	-29.1	2.9	-5.6	102	-7.0	16.2	-6.2	98.9	-17.8	2.0	-4.7	25.8	-48.9	6.1	-5.4	9.6
ALTA	-18.5	3.3	-13.8	12.1	-7.0	27.1	-104	73.3	-28.3	20.7	-56.1	10.8	-9.1	3.7	-4.6	19.3	-5.9	5.7	-5.7	5.9
BC	-65.0	11.0	-14.0	23.5	-9.1	23.7	-19.1	24.3	-19.8	12.1	-18.8	21.6	-17.6	36.4	-0.1	30.4	-40.0	2.6	-10.4	4.3
ALL	-6.0	1.7	-5.8	2.2	-2.1	2.9	0.2	15.2	-9.1	-1.0	-9.2	4.5	-3.8	3.1	-17.9	5.8	-1.5	12.5	-2.2	0.4
1990 Cohort																				
NFLD	-8.8	14.3	-6.5	38.0	-34.9	23.0	-12.2	11.8	-6.2	36.6	-108	6.6	-19.3	105	-100	39.6	-100	9.1	-11.8	12.2
PEI	-45.5	[illegible]	-44.5	50.0	-90.5	47.2	-44.5	50.0	-37.5	92.2	-44.5	50.0	-100	110	-21.4	137	-44.5	50.0	-50.0	44.5
NS	-14.2	33 [illegible]	-56.5	41.8	-24.1	4.4	-16.3	96.4	-37.4	31.8	-17.4	34.8	-32.5	36.9	-18.6	2.4	-18.6	2.4	-2.4	18.6
NB	-11.7	20.4	[illegible]	96.4	-35.1	11.2	-14.1	14.8	-73.7	3.3	-11.7	98.7	24.1	94.6	-78.0	69.6	-105	6.5	-14.8	14.1
QUE	-3.2	3.7	-6.1	15.4	-0.8	7.5	-2.4	2.7	-26.8	-3.6	-15.2	7.0	-3.9	10.8	-0.6	9.6	-20.6	11.6	-2.7	2.4
ONT	-7.7	3.3	-5.7	2.2	-5.6	1.2	-7.4	0.6	-3.0	3.7	-4.4	7.6	-3.4	9.1	-16.3	5.3	-0.5	17.2	-1.9	1.4
MAN	-7.0	13.1	-4.4	63.0	-50.8	-9.1	-10.1	8.3	-14.3	13.6	-10.1	8.3	-23.9	6.0	-7.8	26.8	-10.1	8.3	-8.3	10.1
SASK	-12.8	9.3	-50.4	41.4	-20.8	8.0	-8.2	8.8	-6.3	36.2	-7.5	96.8	-42.0	-1.9	-7.7	21.4	-8.2	8.8	-8.8	8.2
ALTA	-10.0	4.8	-55.6	8.0	-6.2	22.4	-33.8	5.2	4.1	34.4	-7.1	4.0	-18.6	-2.0	-7.1	4.0	-7.5	48.8	-4.0	7.1
BC	-10.6	30.0	-12.4	22.5	-26.7	-2.0	-3.3	11.3	-16.0	8.8	-0.4	27.5	-33.1	34.7	-15.4	42.4	-25.6	11.5	-11.3	3.3
ALL	-2.7	3.2	-2.4	6.4	-5.6	0.5	-6.2	2.1	-5.8	1.5	-3.3	6.5	-3.0	8.2	-4.9	7.6	-4.7	9.3	-1.5	1.4

Column definitions:

AGBIOS: Agricultural and biological sciences
ALLED: All education, including library sciences and non-teaching related field
COMMER: Commerce
ECN: Economics
ENGCSC: Engineering and computer sciences
FINEHU: Fine arts and humanities
MATHPH: Mathematics and physical sciences
MOVERS: All movers to school regardless of field
OTHHEA: Other health; no doctors or dentists
OTHSSC: Other social sciences (i.e. not commerce, law or economics)

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